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NORMAL DEVELOPMENT

Copybook

Marsha Dunn Klein, M.Ed., OTR
Nancy Harris Ossman, OTR
Barbara Tracy, PT

Illustrations drawn under contract
by Cathie Lowmiller


**Therapy
Skill Builders** [®]
a division of
The Psychological Corporation
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Disclaimer

The ages at which skills are listed are approximations. All children vary in development. Some may develop a skill sooner than listed and other children later. This is normal. The charts are to serve only as guidelines.

Resources

The following resources were used in the development of this book:

Bly, Lois. 1983. *The components of normal movement during the first year of life and abnormal development*. Birmingham, AL: Pittinger Associates Pathway Press. Distributed by NDTA, Inc., Oak Park, IL.

Boehme, Regi. 1988. *Improving upper body control*. Tucson, AZ: Therapy Skill Builders.

Caplan, Frank and Theresa. 1977. *The first year of life*. New York: Bantam Books.

Erhardt, Rhoda. 1982. *Developmental hand dysfunction*. Tucson, AZ: Therapy Skill Builders.

HELP Developmental Scale. 1985. Palo Alto, CA: Vort Corporation.

Illingsworth, Ronald S. 1980. *The development of the infant and young child*. New York: Churchill Livingstone.

Morris, Suzanne Evans, and Marsha Dunn Klein. *Pre-feeding skills*. 1987. Tucson, AZ: Therapy Skill Builders.

About the Authors

Marsha Dunn Klein received the B.S. degree in occupational therapy from Sargent College of Allied Health Professions at Boston University and the Master's degree in education from the University of Arizona. In 1980 she received the Neurodevelopmental Treatment Certificate in pediatrics. Currently she is in private practice as a pediatric therapist in Tucson, Arizona.

Nancy Harris Ossman holds a B.S. in occupational therapy from Boston University's Sargent College of Allied Health Professionals. Her current position is manager of occupational therapy for Tucson Medical Center, which involves management of the department as well as patient care. She is a member of the American Occupational Therapy Association and the Neurodevelopmental Treatment Association. She is NDT certified in pediatrics and adult hemiplegia.

Barbara Tracy received the B.S. degree in physical therapy from Northern Arizona University in Flagstaff. She is certified in pediatric neurodevelopmental treatment. She is a member of the American Physical Therapy Association and is currently in private practice as a pediatric physical therapist in Tucson, Arizona.

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Preface

We have had many requests to put this copybook together in this format. People purchased the *Normal Development Poster Set* from Therapy Skill Builders and liked the art so well, they asked if we would put the art together in a more usable form for daily clinical use. So here it is!

This copy art can be used as reproducible handouts for parents. Many of the currently available reproducibles demonstrate an exercise or position and not the normal posture or activity being sought. Therapists can individualize each picture for each family. You can write out or draw home activities that can be used to achieve the pictured goal.

Students of normal development will love these illustrations. Whether you are teaching therapists, special educators, early childhood educators, developmental psychologists, students, or parents about normal developmental sequences, you will find these pictures invaluable for demonstrations and handouts.

Pediatricians will find these sequences useful in family training.

The developmental sequences will give a nice overview of several skills at a time.

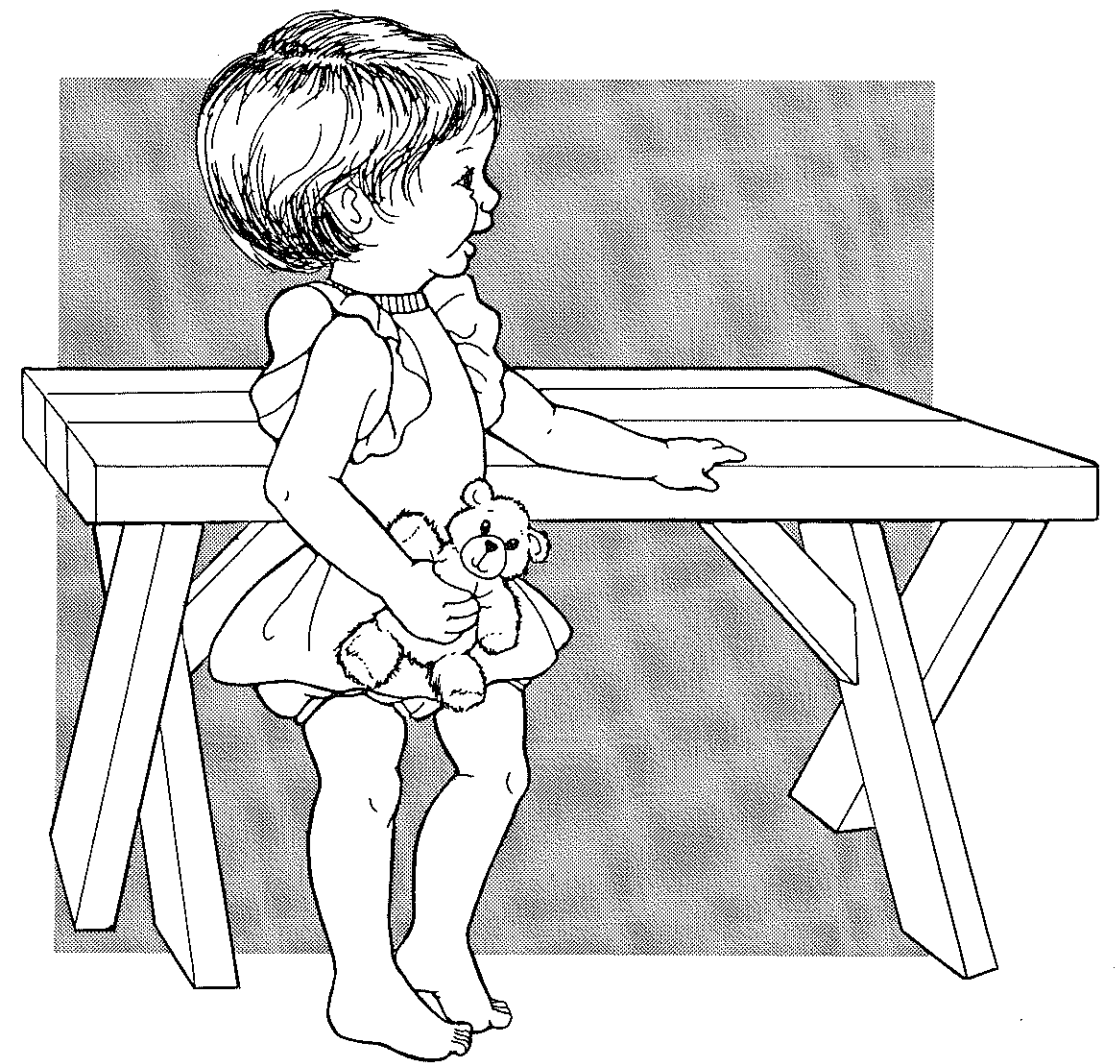
Enjoy this copybook. Let us know creative ways you have found to use it!

Marsha Dunn Klein

Nancy Harris Ossman

Barbara Tracy

Gross Motor Development



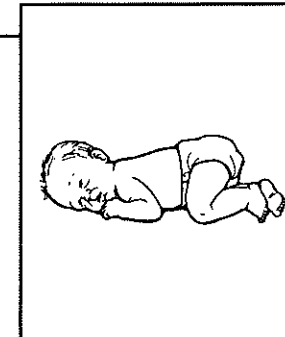
GROSS MOTOR

DEVELOPMENTAL SEQUENCES

Prone: 1 to 7 months

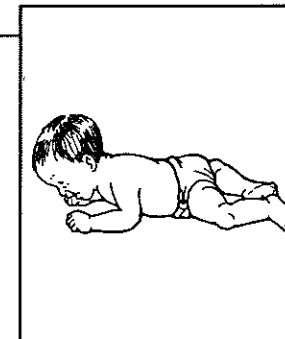
1 month

physiological flexion
turns head side to side



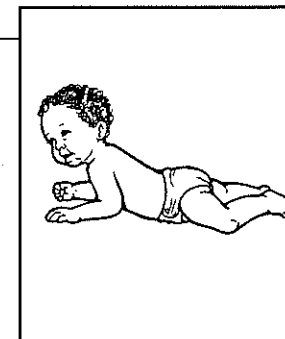
2 months

arms moving toward
abduction



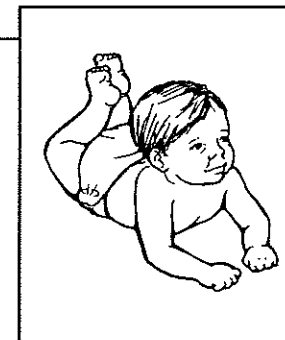
3 months

forearm weight bearing



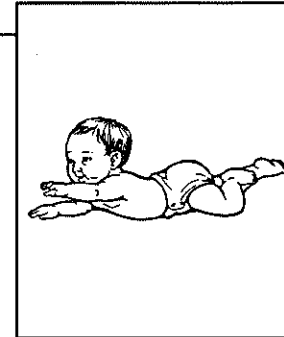
4 months

improved neck
elongation

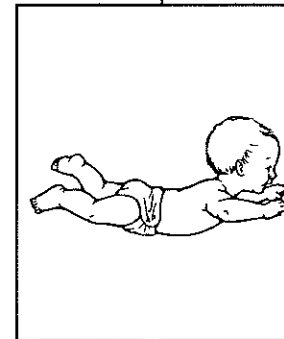


5 months

extended arm weight
bearing
reaching with one arm

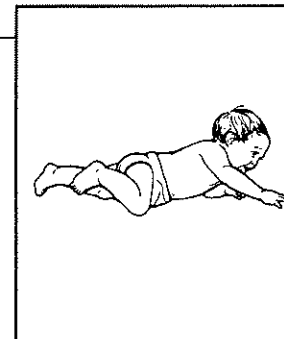


swimming in extension



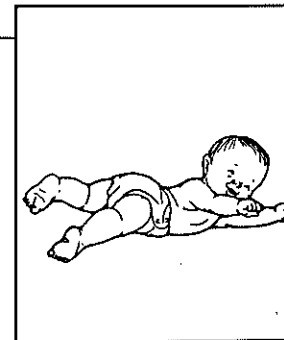
6 months

equilibrium reaction



7 months

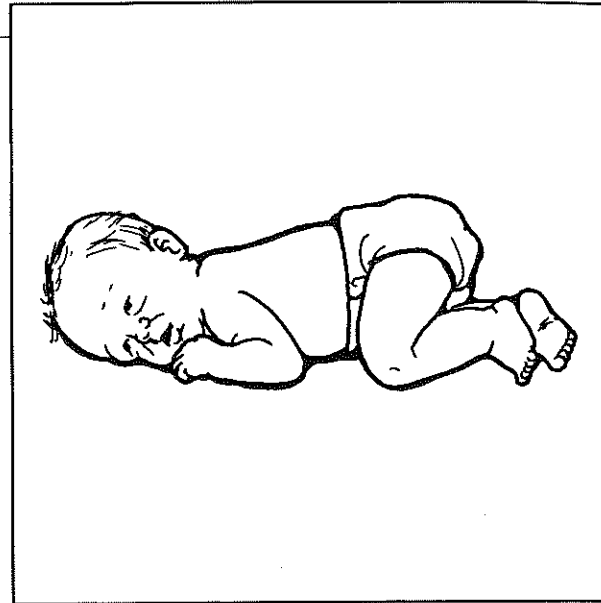
pivots with symmetrical
upper extremity
movement



Prone

Developmental Age:
1 month

Developmental Skill:
physiological flexion
turns head side to side



Helpful Hints:

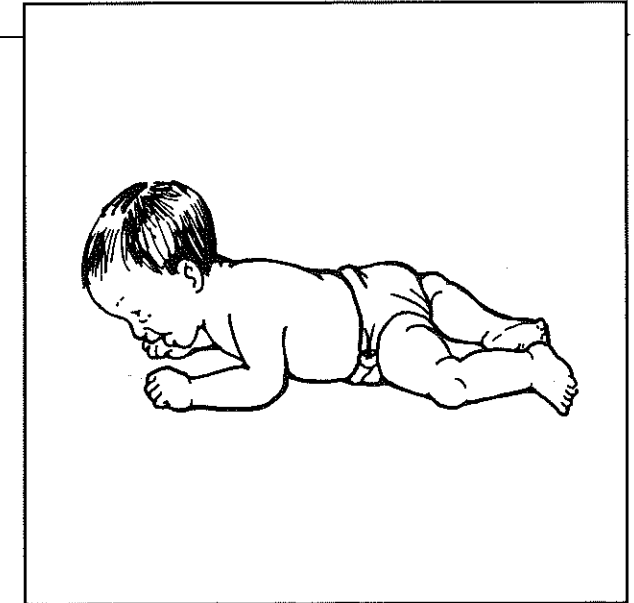
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
2 months

Developmental Skill:
arms moving toward abduction



Helpful Hints:

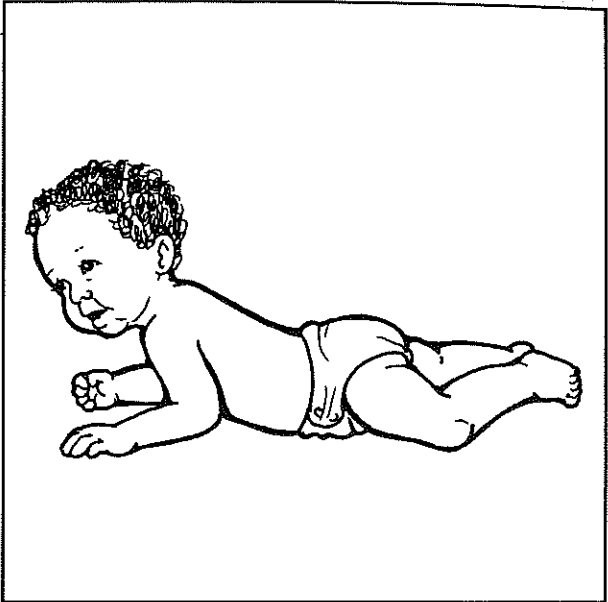
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
3 months

Developmental Skill:
forearm weight bearing



Helpful Hints:

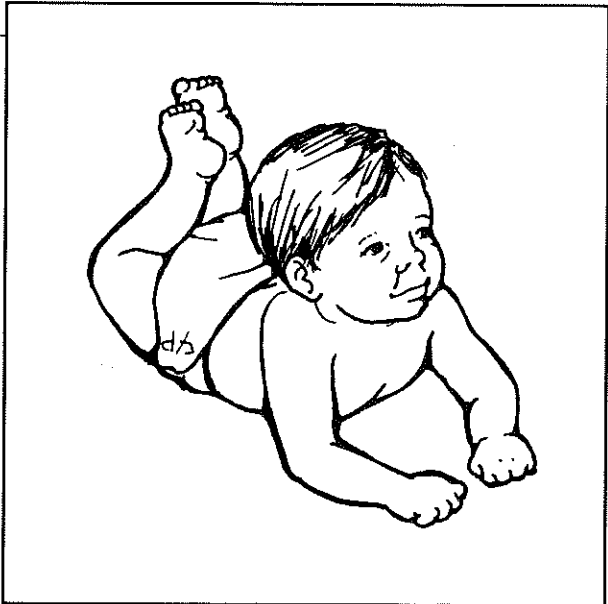
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
4 months

Developmental Skill:
improved neck elongation



Helpful Hints:

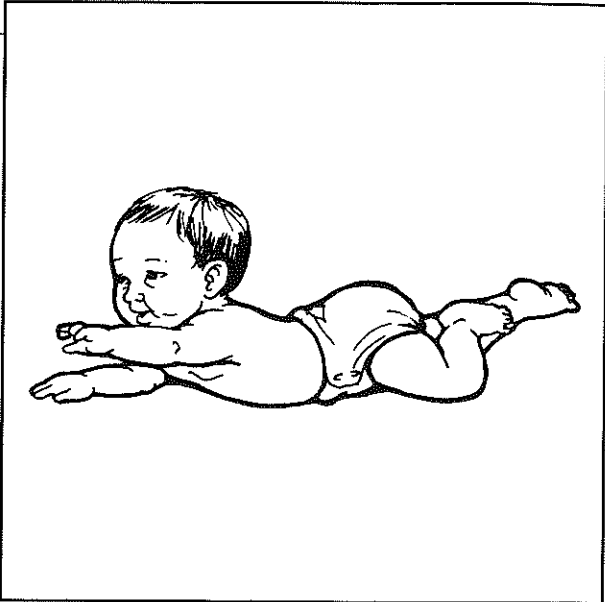
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
5 months

Developmental Skill:
extended arm weight bearing
reaching with one arm



Helpful Hints:

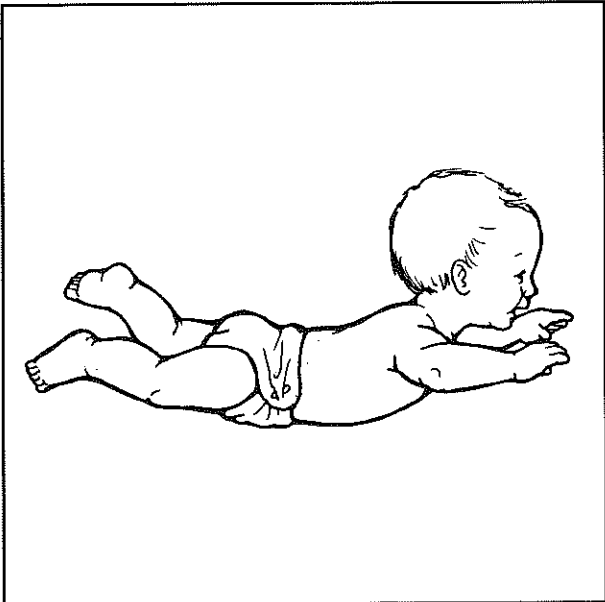
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
5 months

Developmental Skill:
swimming in extension



Helpful Hints:

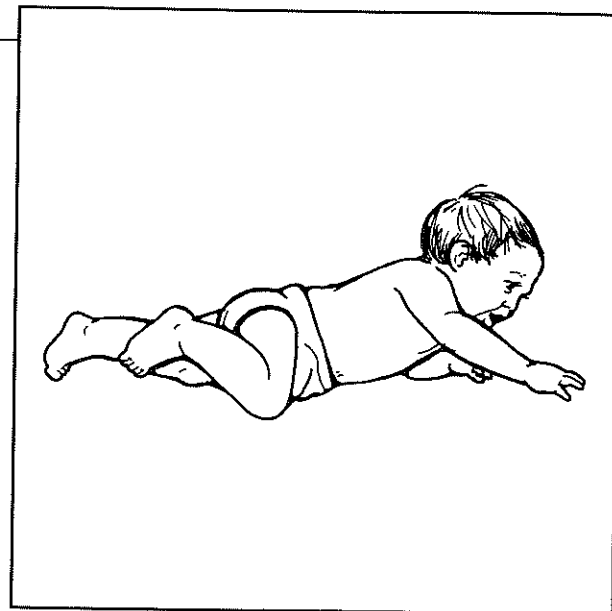
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
6 months

Developmental Skill:
equilibrium reaction



Helpful Hints:

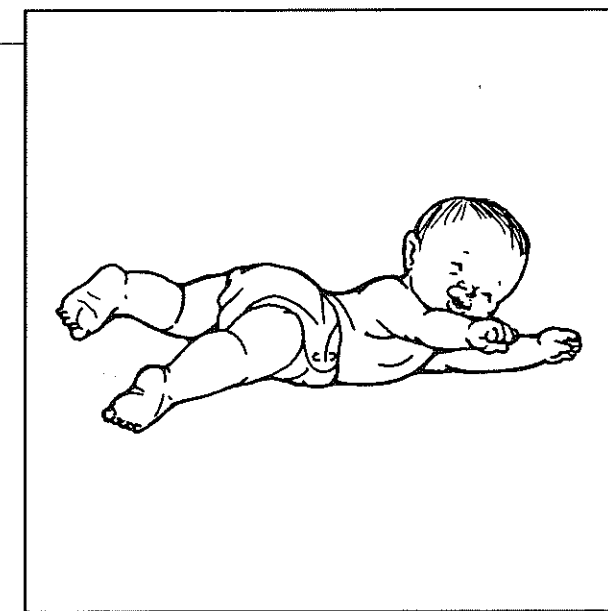
Therapist/Clinic:

Phone #:

Prone

Developmental Age:
7 months

Developmental Skill:
pivots with symmetrical upper
extremity movement



Helpful Hints:

Therapist/Clinic:

Phone #:

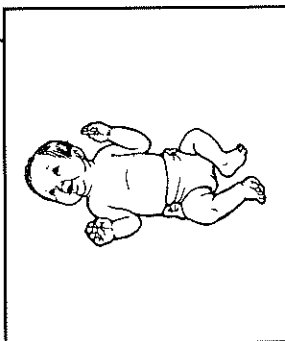
GROSS MOTOR

DEVELOPMENTAL SEQUENCES

Supine: 1 to 4 months

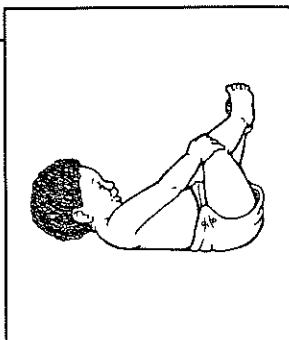
1 month

physiological flexion



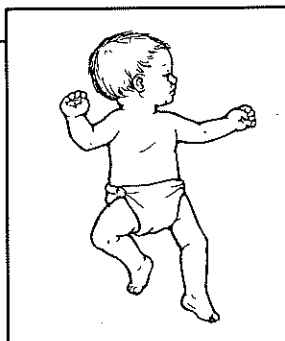
4 months

head in midline
hands to knees

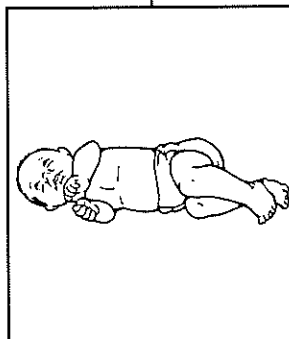


2 months

asymmetry of
extremities
hand regard

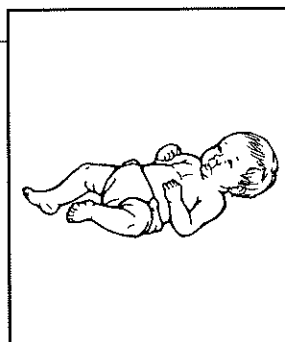


accidental roll: supine
to side
lateral head righting

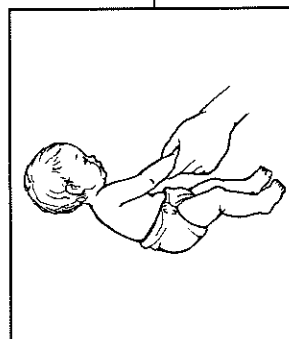


3 months

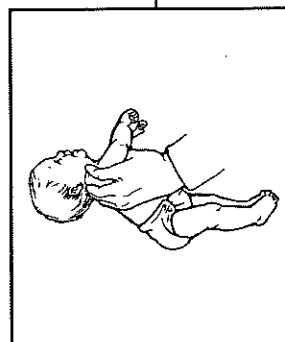
head midline
hands together at chest



pull to sit: head in
midline



head lag on pull to sit
asymmetrical lifting of
head



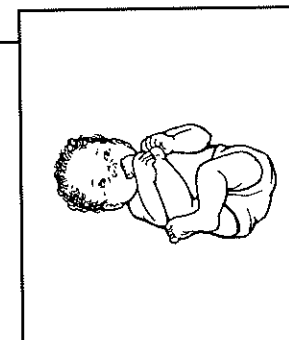
GROSS MOTOR

DEVELOPMENTAL SEQUENCES

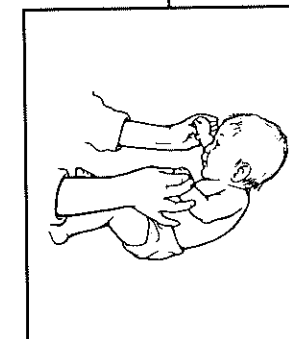
Supine: 5 to 6 months

5 months

feet to mouth

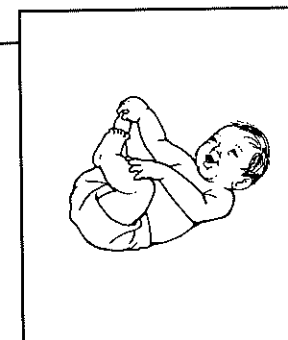


pull to sit: no head lag

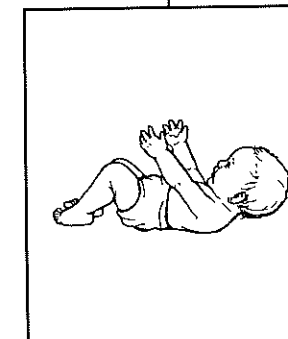


6 months

hands to feet with
head up



pulls to sit: leads with
head



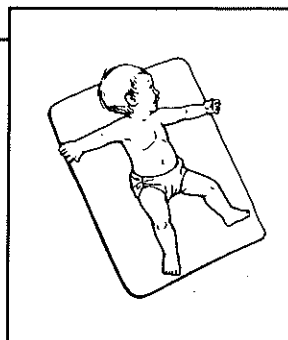
rolls supine to prone



Supine: 7 months

7 months

equilibrium reactions



Transition: 7 months

7 months

pushes back into sitting
no rotation



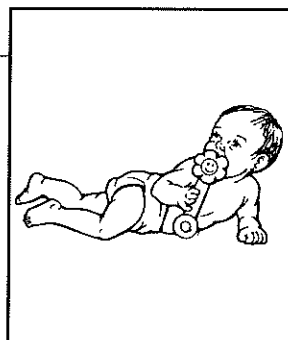
pushes into bear or
quadruped positions



Sidelying: 7 months

7 months

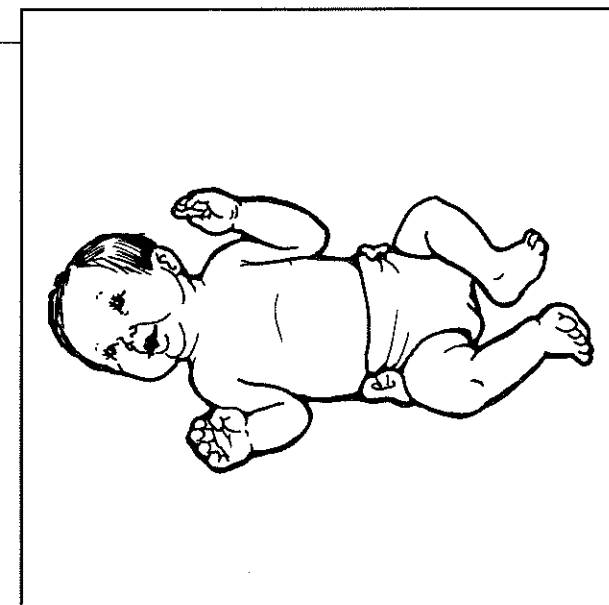
plays on propped elbow



Supine

Developmental Age:
1 month

Developmental Skill:
physiological flexion



Helpful Hints:

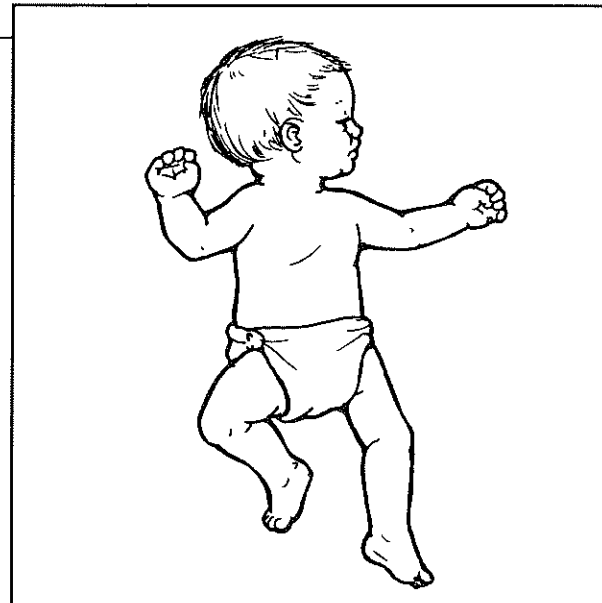
Therapist/Clinic:

Phone #:

Supine

Developmental Age:
2 months

Developmental Skill:
asymmetry of extremities
hand regard



Helpful Hints:

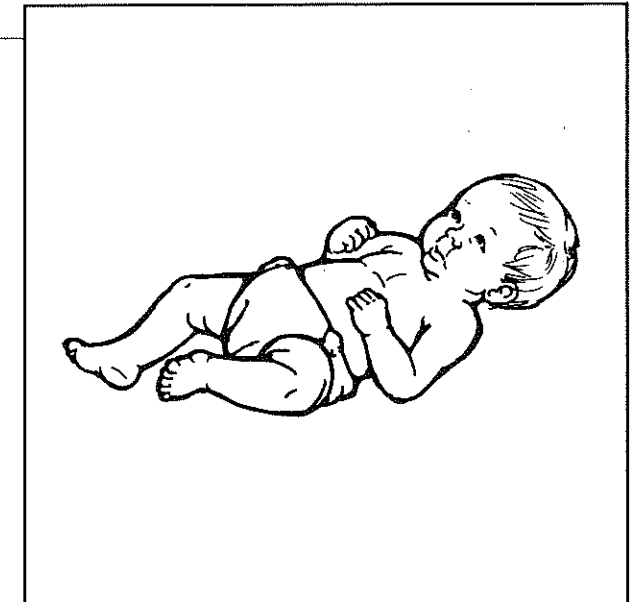
Therapist/Clinic:

Phone #:

Supine

Developmental Age:
3 months

Developmental Skill:
head midline
hands together at chest



Helpful Hints:

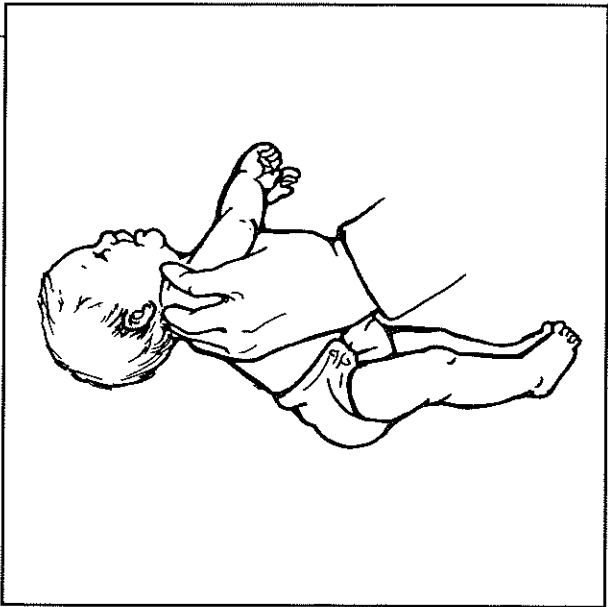
Therapist/Clinic:

Phone #:

Supine

Developmental Age:
3 months

Developmental Skill:
head lag on pull to sit
asymmetrical lifting of head



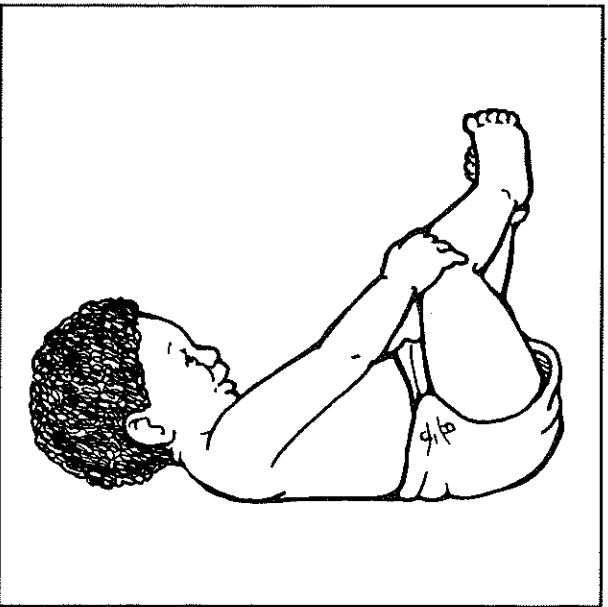
Helpful Hints:

Therapist/Clinic: _____ **Phone #:** _____

Supine

Developmental Age:
4 months

Developmental Skill:
head in midline
hands to knees



Helpful Hints:

Therapist/Clinic: _____ **Phone #:** _____

Supine

Developmental Age:
4 months

Developmental Skill:
accidental roll: supine to side
lateral head righting



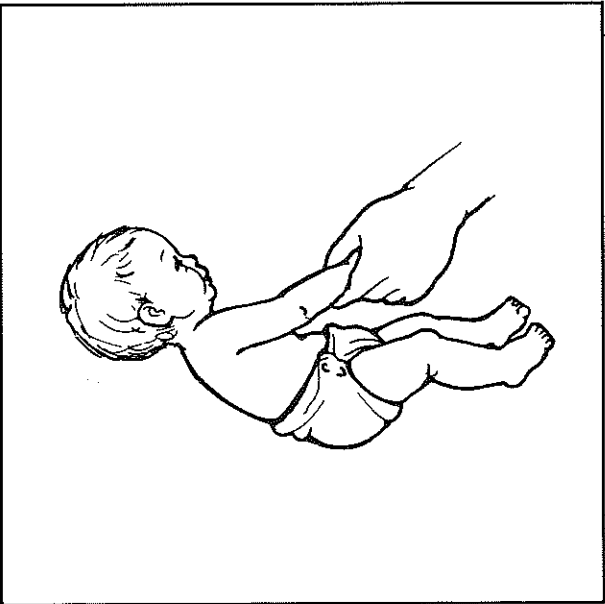
Helpful Hints:

Therapist/Clinic: _____ **Phone #:** _____

Supine

Developmental Age:
4 months

Developmental Skill:
pull to sit: head in midline



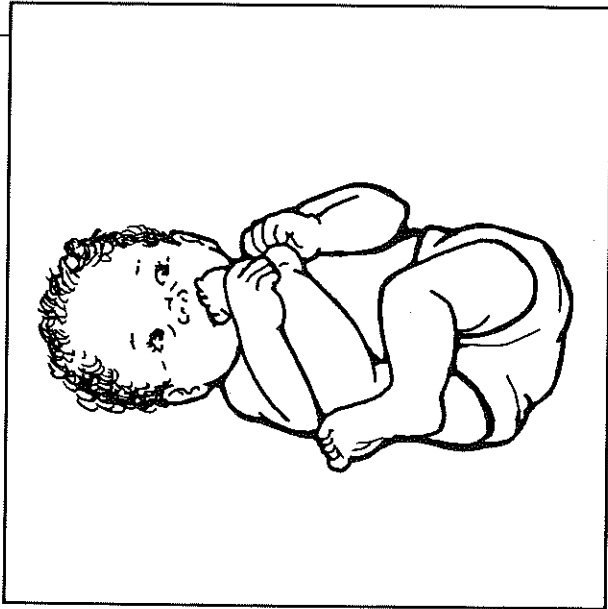
Helpful Hints:

Therapist/Clinic: _____ **Phone #:** _____

Supine

Developmental Age:
5 months

Developmental Skill:
feet to mouth



Helpful Hints:

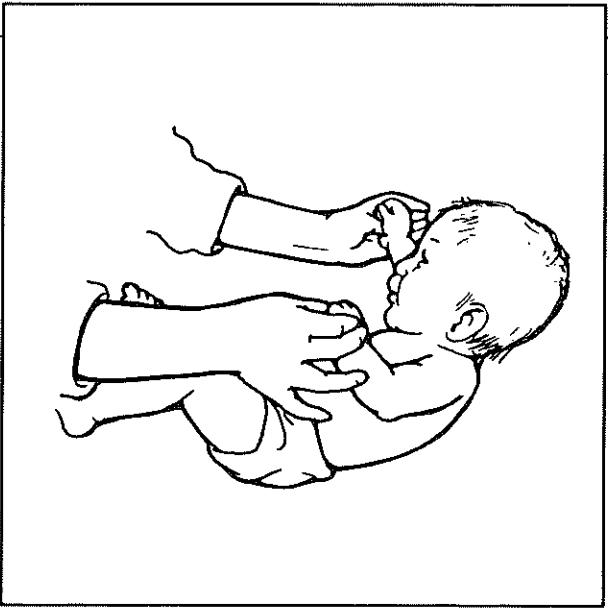
Therapist/Clinic:

Phone #:

Supine

Developmental Age:
5 months

Developmental Skill:
pull to sit: no head lag



Helpful Hints:

Therapist/Clinic:

Phone #:

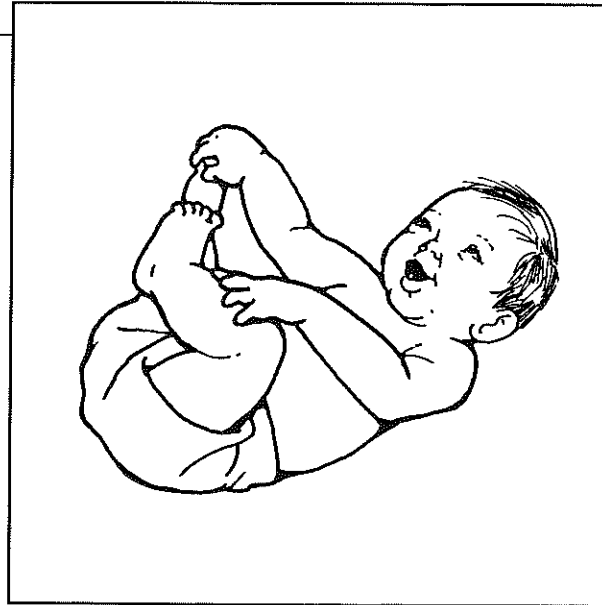
Supine

Developmental Age:

6 months

Developmental Skill:

hands to feet with head up



Helpful Hints:

Therapist/Clinic:

Phone #:

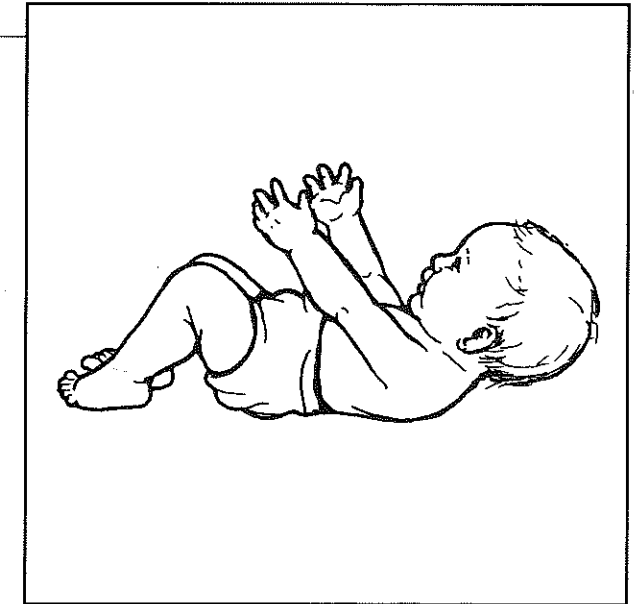
Supine

Developmental Age:

6 months

Developmental Skill:

pulls to sit: leads with head



Helpful Hints:

Therapist/Clinic:

Phone #:

Supine

Developmental Age:
6 months

Developmental Skill:
rolls supine to prone



Helpful Hints:

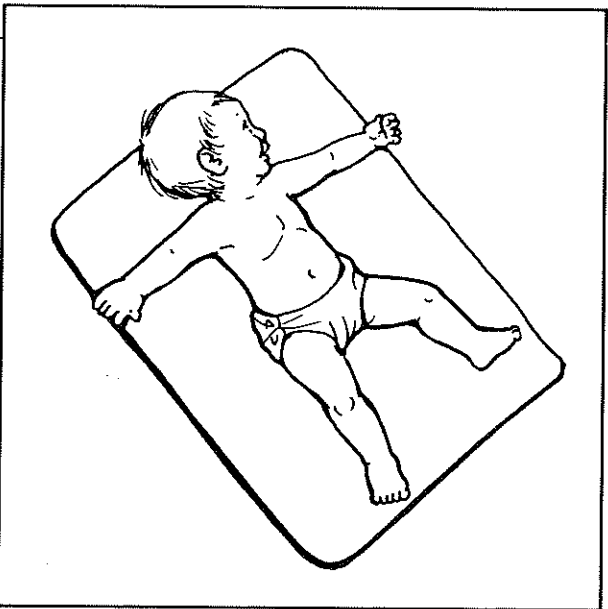
Therapist/Clinic:

Phone #:

Supine

Developmental Age:
7 months

Developmental Skill:
equilibrium reactions



Helpful Hints:

Therapist/Clinic:

Phone #:

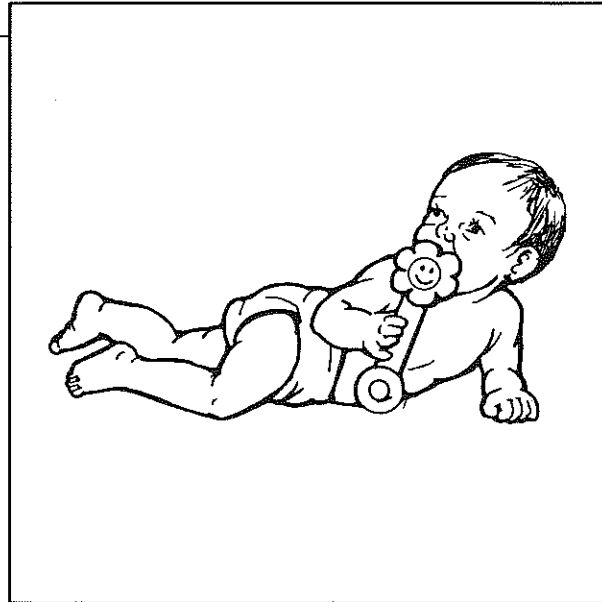
Sidelying

Developmental Age:

7 months

Developmental Skill:

plays on propped elbow



Helpful Hints:

Therapist/Clinic:

Phone #:

Transition

Developmental Age:

7 months

Developmental Skill:

pushes back into sitting
no rotation



Helpful Hints:

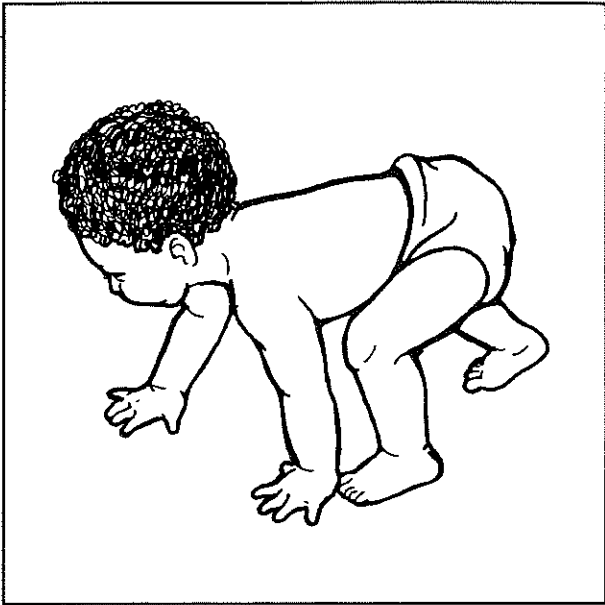
Therapist/Clinic:

Phone #:

Transition

Developmental Age:
7 months

Developmental Skill:
pushes into bear or quadruped
positions



Helpful Hints:

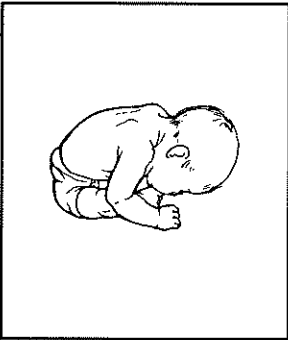
Therapist/Clinic:

Phone #:

DEVELOPMENTAL SEQUENCES

Sitting: 1 to 7 months

1 month
full rounded



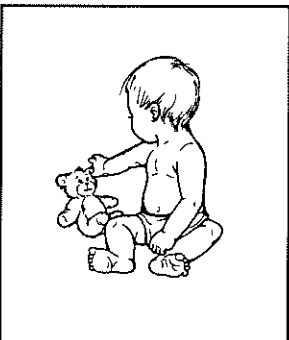
6 months
sits with erect spine
protective reactions
forward



3 months
shoulder elevation or
chin jutting



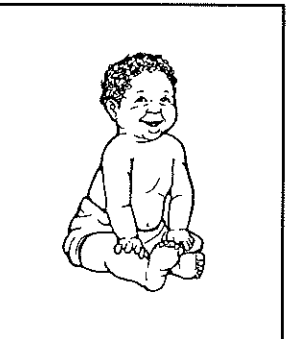
7 months
trunk rotation
protective reactions
laterally



4 months
cervical and thoracic
spine extension

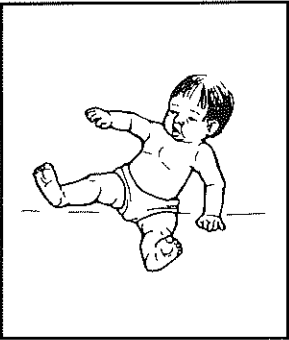


5 months
props on extended
arms




GROSS MOTOR
DEVELOPMENTAL SEQUENCES
Sitting: 8 to 11 months


8 months
equilibrium reactions



9 months
side sits




11 months
variety of sitting postures
protective reactions backward

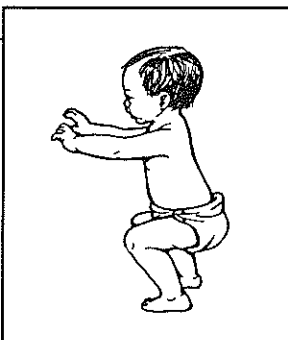


GROSS MOTOR
DEVELOPMENTAL SEQUENCES
Transition: 8 to 11 months

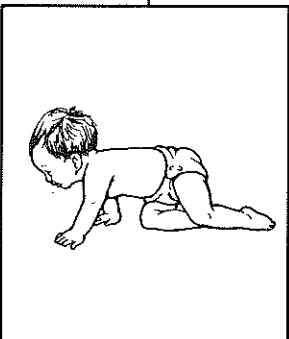
8 months
rotates sitting to quadruped




10 months
symmetrically lowers self to sitting



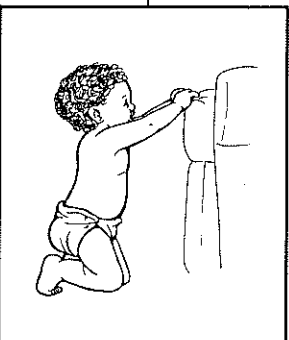
8 months
creeping for mobility



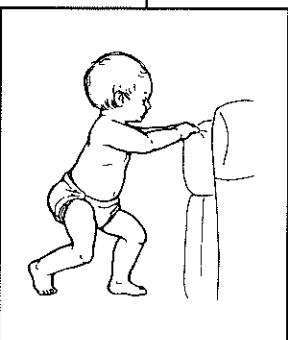
11 months
stable in one-half kneel play




assumes tall kneeling



lowers self asymmetrically



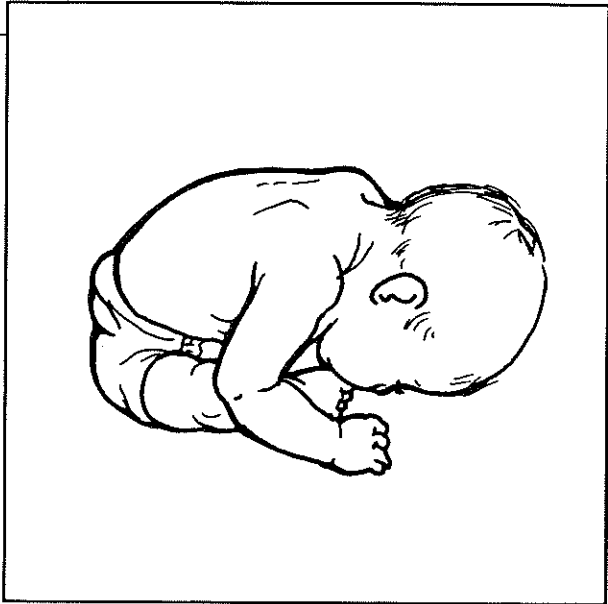
9 months
half kneel to stand



Sitting

Developmental Age:
1 month

Developmental Skill:
full rounded



Helpful Hints:

Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
3 months

Developmental Skill:
shoulder elevation or chin jutting



Helpful Hints:

Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
4 months

Developmental Skill:
cervical and thoracic spine extension



Helpful Hints:

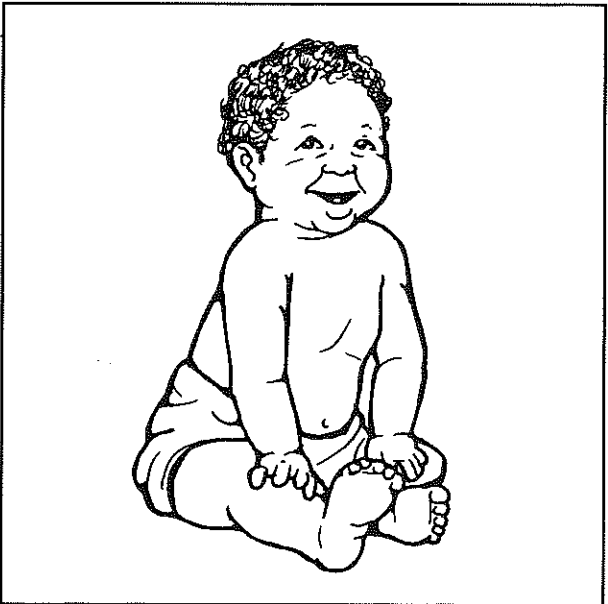
Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
5 months

Developmental Skill:
props on extended arms



Helpful Hints:

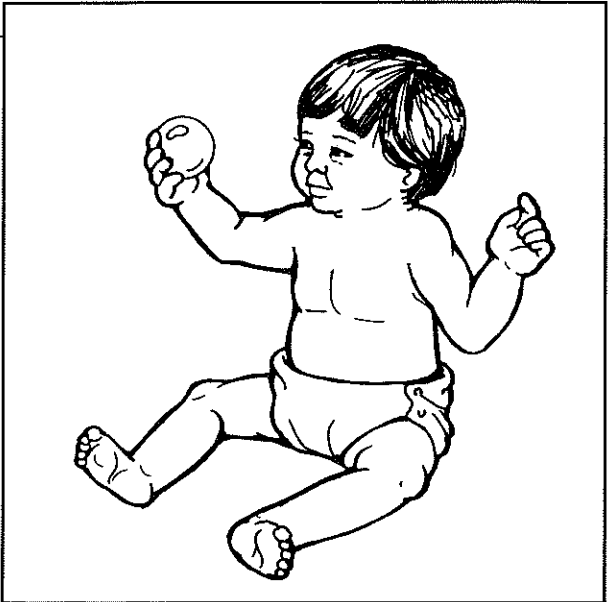
Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
6 months

Developmental Skill:
sits with erect spine
protective reactions forward



Helpful Hints:

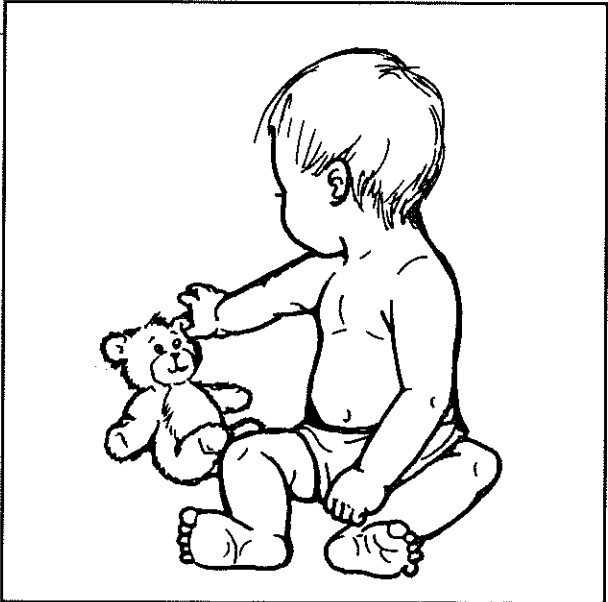
Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
7 months

Developmental Skill:
trunk rotation
protective reactions laterally



Helpful Hints:

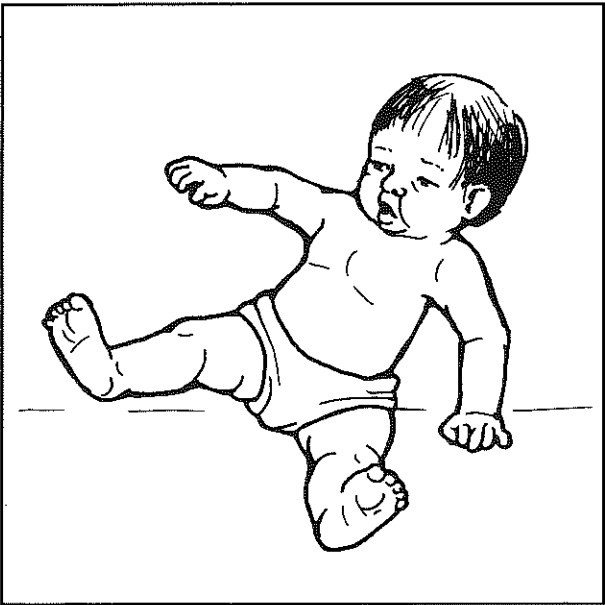
Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
8 months

Developmental Skill:
equilibrium reactions



Helpful Hints:

Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
9 months

Developmental Skill:
side sits



Helpful Hints:

Therapist/Clinic:

Phone #:

Sitting

Developmental Age:
11 months

Developmental Skill:
variety of sitting postures
protective reactions backward



Helpful Hints:

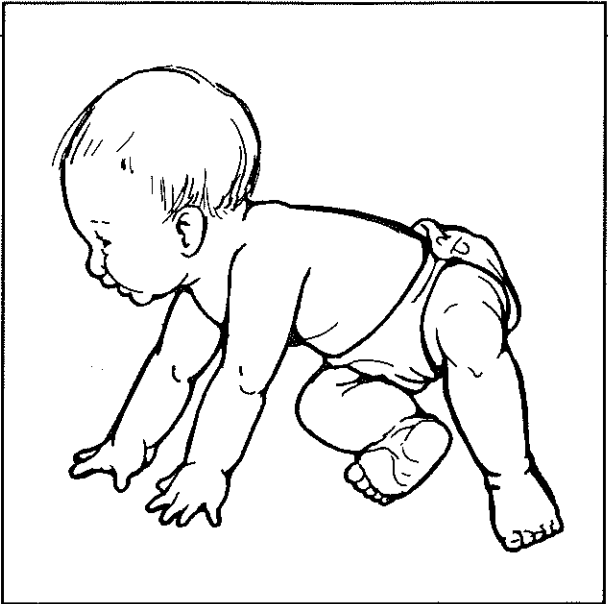
Therapist/Clinic:

Phone #:

Transition

Developmental Age:
8 months

Developmental Skill:
rotates sitting to quadruped



Helpful Hints:

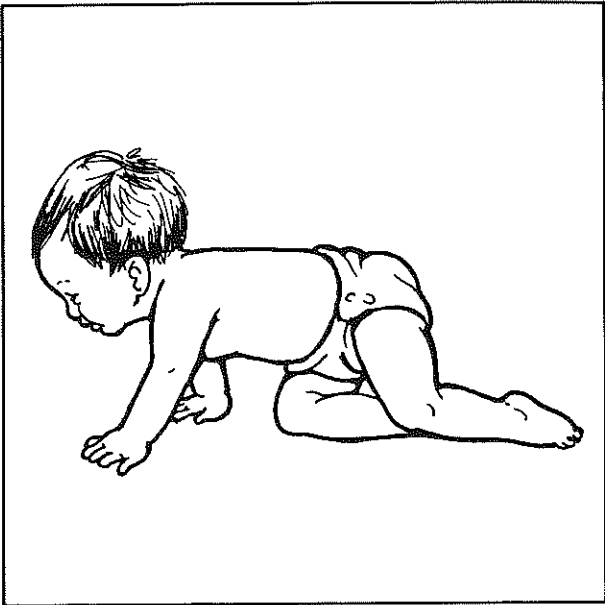
Therapist/Clinic:

Phone #:

Transition

Developmental Age:
8 months

Developmental Skill:
creeping for mobility



Helpful Hints:

Therapist/Clinic:

Phone #:

Transition

Developmental Age:
8 months

Developmental Skill:
assumes tall kneeling



Helpful Hints:

Therapist/Clinic:

Phone #:

Transition

Developmental Age:
9 months

Developmental Skill:
half kneel to stand



Helpful Hints:

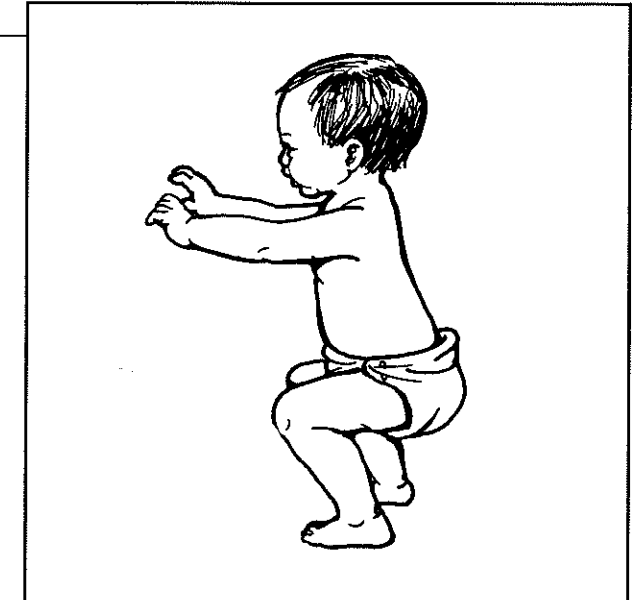
Therapist/Clinic:

Phone #:

Transition

Developmental Age:
10 months

Developmental Skill:
symmetrically lowers self to sitting



Helpful Hints:

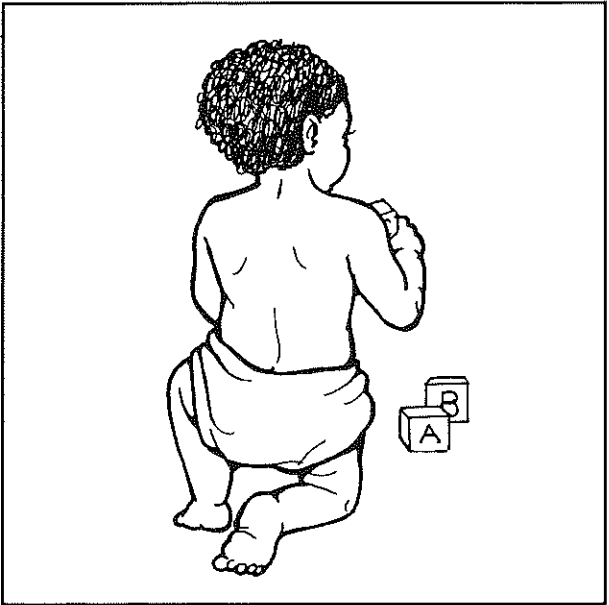
Therapist/Clinic:

Phone #:

Transition

Developmental Age:
11 months

Developmental Skill:
stable in one-half kneel play



Helpful Hints:

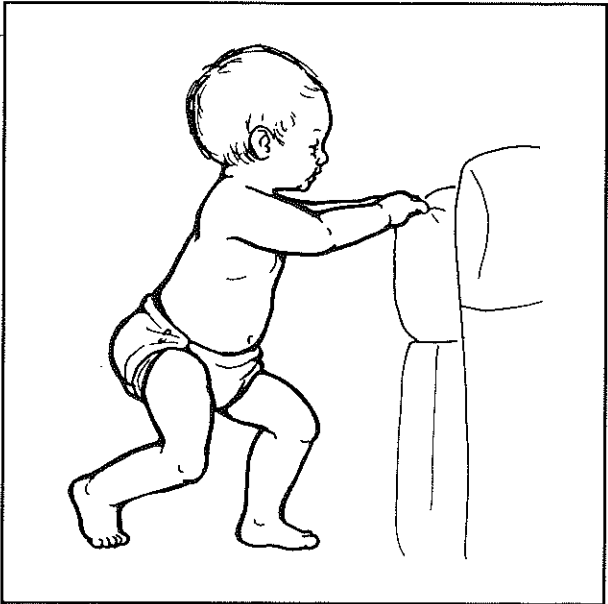
Therapist/Clinic:

Phone #:

Transition

Developmental Age:
11 months

Developmental Skill:
lowers self asymmetrically



Helpful Hints:

Therapist/Clinic:

Phone #:

GROSS MOTOR

DEVELOPMENTAL SEQUENCES

Standing: 1 to 12 months

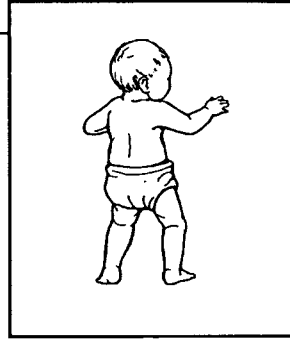
1 month

primary standing
automatic walking



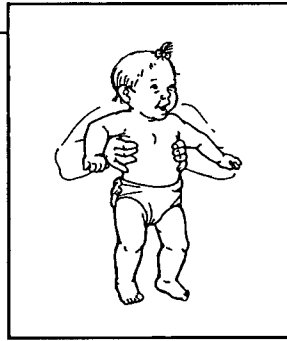
9 months

cruises semi-turned



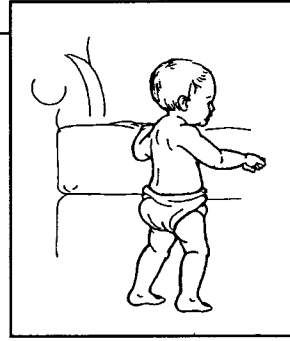
6 months

bouncing up and down



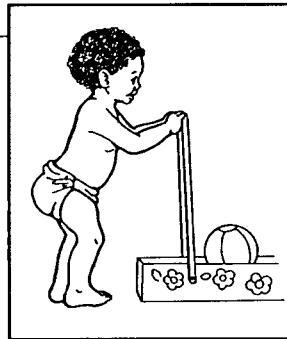
10 months

cruises holding with
one hand



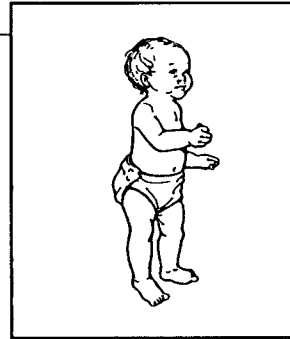
7 months

pulls to stand
symmetrical leg
extension



11 months

stands alone



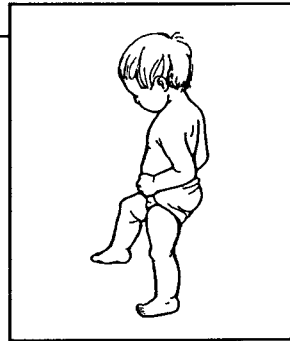
8 months

cruises sideways
reaching with one hand



12 months

weight shift while
standing
independent walking



GROSS MOTOR

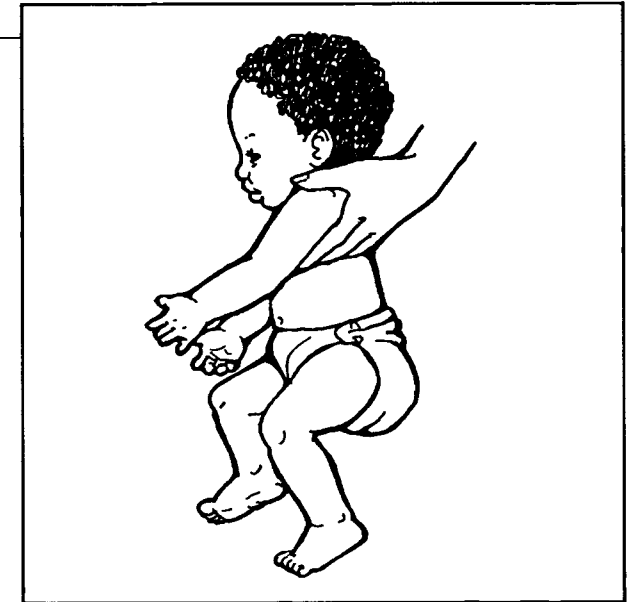
Standing

Developmental Age:

1 month

Developmental Skill:

primary standing
automatic walking



Helpful Hints:

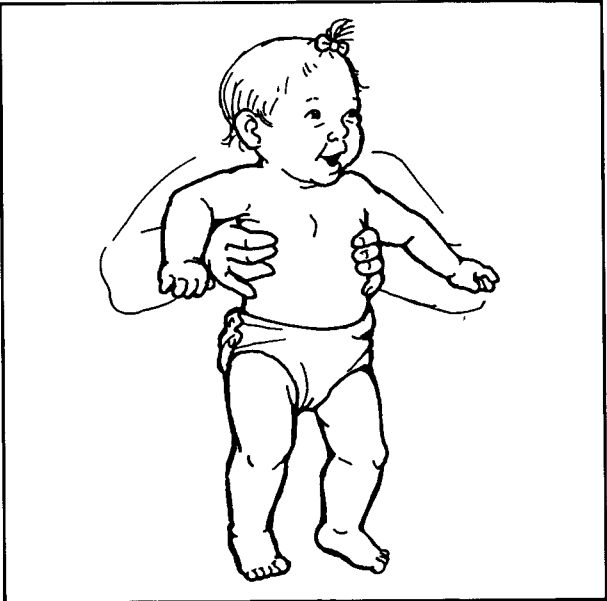
Therapist/Clinic:

Phone #:

Standing

Developmental Age:
6 months

Developmental Skill:
bouncing up and down



Helpful Hints:

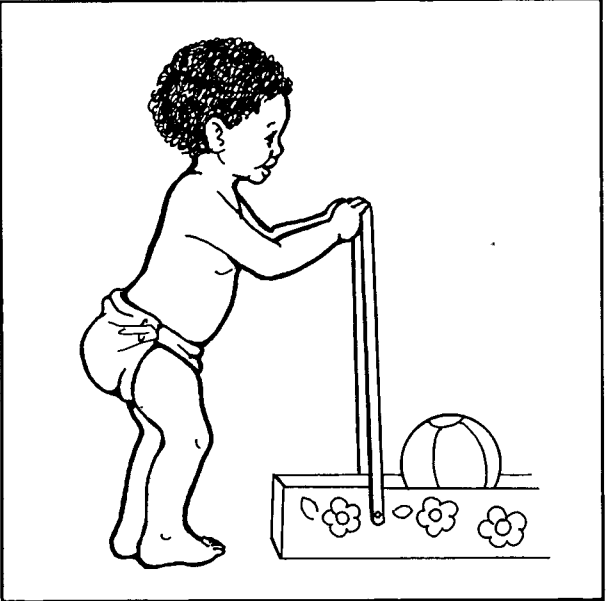
Therapist/Clinic:

Phone #:

Standing

Developmental Age:
7 months

Developmental Skill:
pulls to stand
symmetrical leg extension



Helpful Hints:

Therapist/Clinic:

Phone #:

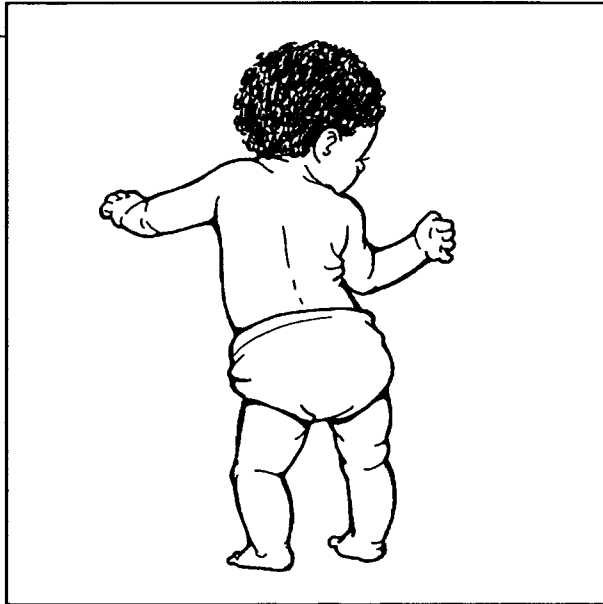
Standing

Developmental Age:

8 months

Developmental Skill:

cruises sideways reaching with
one hand



Helpful Hints:

Therapist/Clinic:

Phone #:

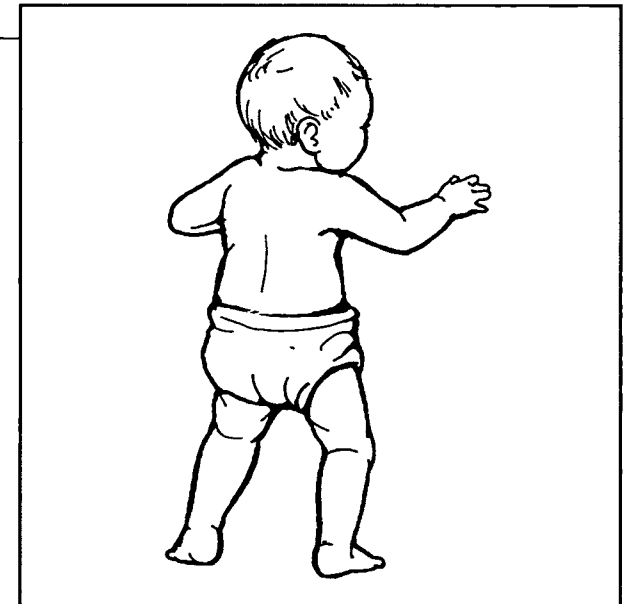
Standing

Developmental Age:

9 months

Developmental Skill:

cruises semi-turned



Helpful Hints:

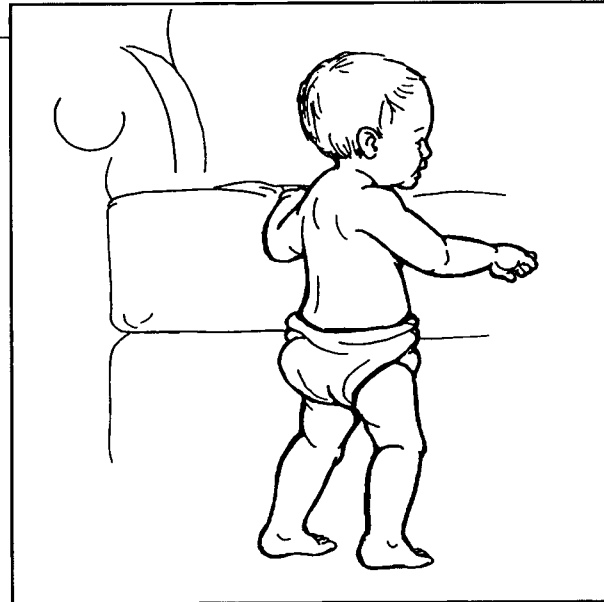
Therapist/Clinic:

Phone #:

Standing

Developmental Age:
10 months

Developmental Skill:
cruises holding with one hand



Helpful Hints:

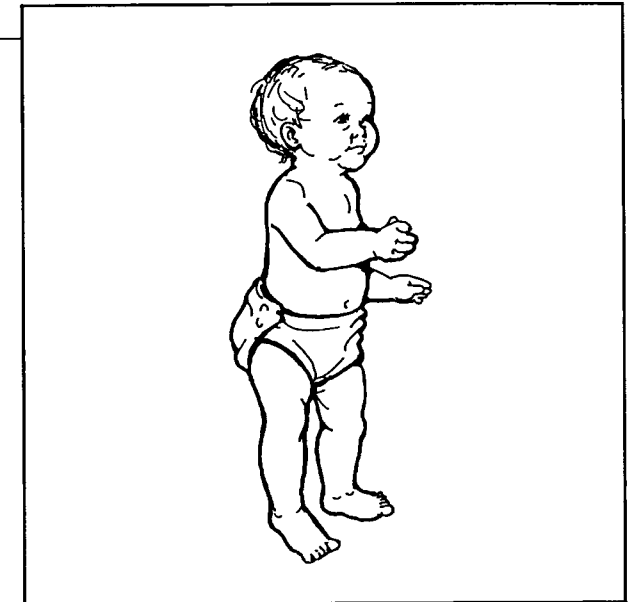
Therapist/Clinic:

Phone #:

Standing

Developmental Age:
11 months

Developmental Skill:
stands alone



Helpful Hints:

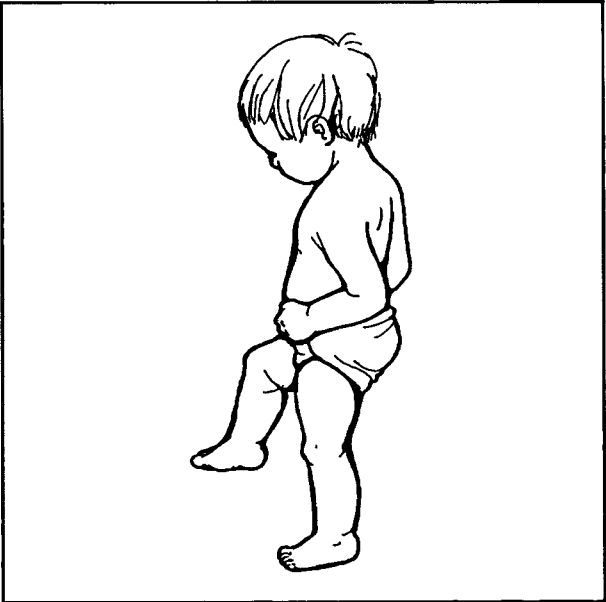
Therapist/Clinic:

Phone #:

Standing

Developmental Age:
12 months

Developmental Skill:
weight shift while standing
independent walking

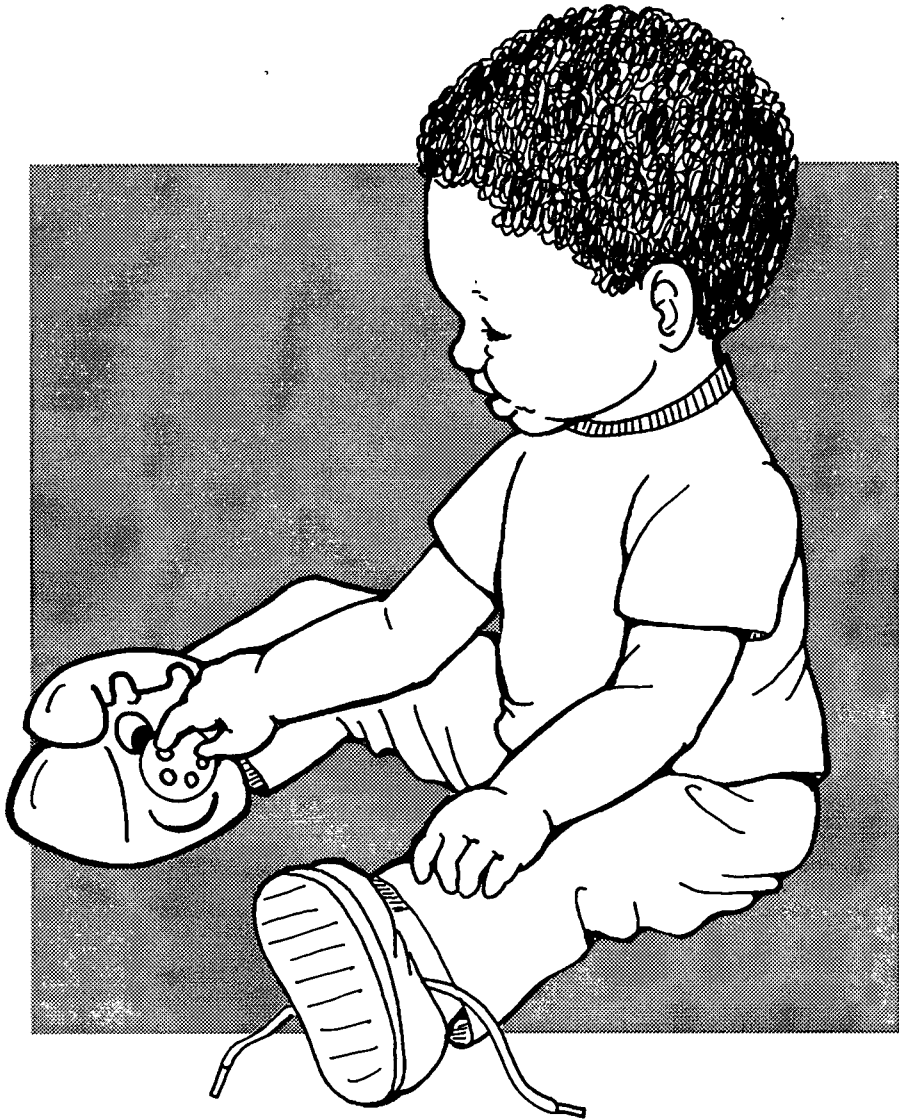


Helpful Hints:

Therapist/Clinic:

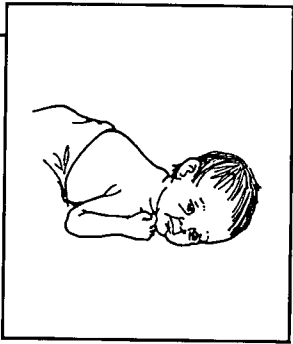
Phone #:

Fine Motor
Development



FINE MOTOR
DEVELOPMENTAL SEQUENCES
Posture: Birth to 5 months

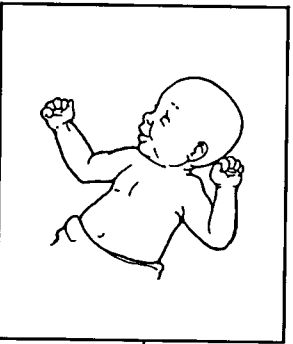
Birth to **1** month
physiological flexion
hands fisted, thumbs in



3 months
beginning of prone
on elbows



2 months
shoulder girdle
symmetrical
arms move through
asymmetrical patterns



4 months
weight-bearing
increases on radial side
forearm weight-bearing
with beginning of
external rotation



weight on ulnar border
sucks hand when near
mouth



5 months
prone on extended
arms
shoulder girdle
disassociated with
weight shift



FINE MOTOR
DEVELOPMENTAL SEQUENCES
Posture: 6 to 12 months

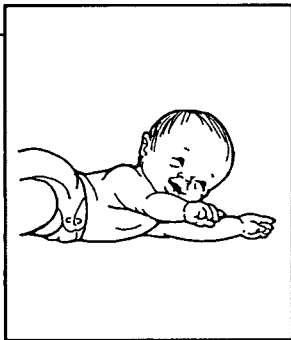
6 months

plays in sidelying and sitting
protective extension forward



7 months

upper body rotation



8 months

hand arches develop through weight shift
protective reactions sideways



12 months

back props in sitting



FINE MOTOR
Posture

Developmental Age:
1 month

Developmental Skill:
physiological flexion
hands fisted, thumbs in



Helpful Hints:

Therapist/Clinic:

Phone #:

Posture: 6 to 12 months

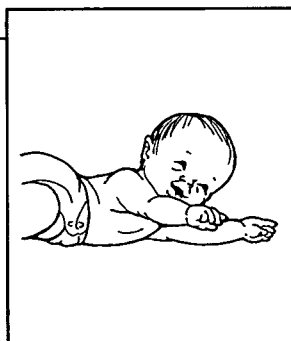
6 months

plays in sidelying and sitting
protective extension forward



7 months

upper body rotation



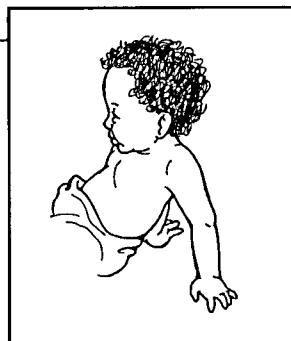
8 months

hand arches develop through weight shift
protective reactions sideways



12 months

back props in sitting



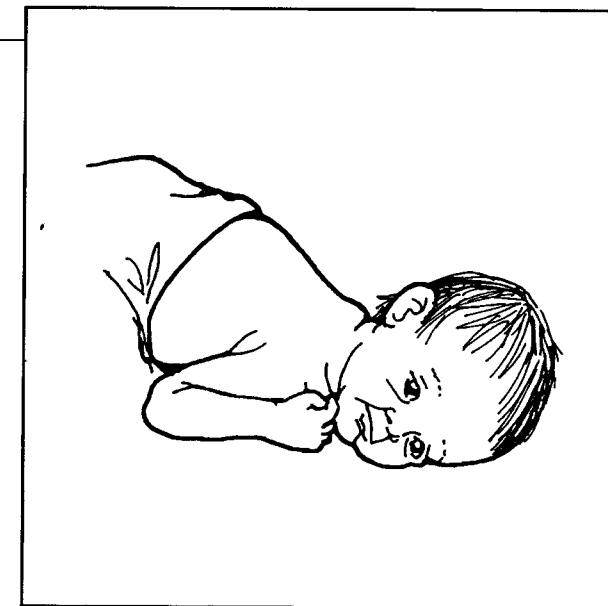
Posture

Developmental Age:

1 month

Developmental Skill:

physiological flexion
hands fisted, thumbs in



Helpful Hints:

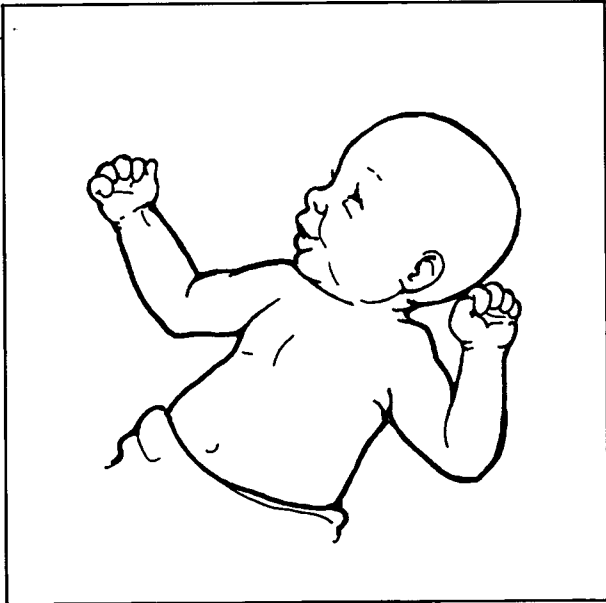
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
2 months

Developmental Skill:
shoulder girdle symmetrical
arms move through asymmetrical
patterns



Helpful Hints:

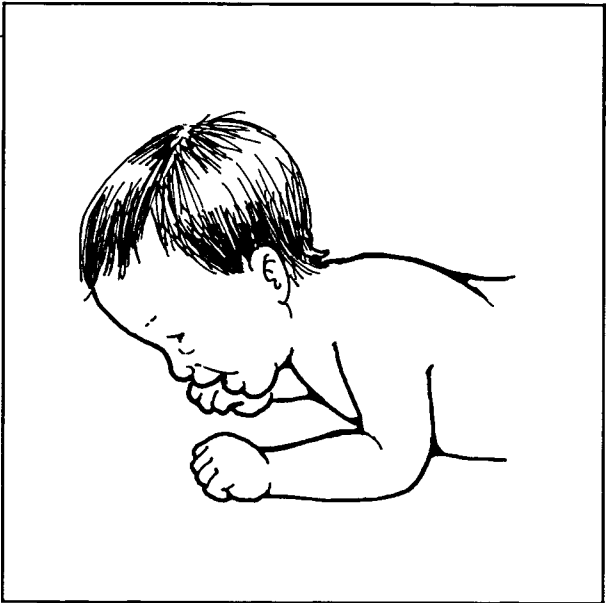
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
2 months

Developmental Skill:
weight on ulnar border
sucks hand when near mouth



Helpful Hints:

Therapist/Clinic:

Phone #:

Posture

Developmental Age:
3 months

Developmental Skill:
beginning of prone on elbows



Helpful Hints:

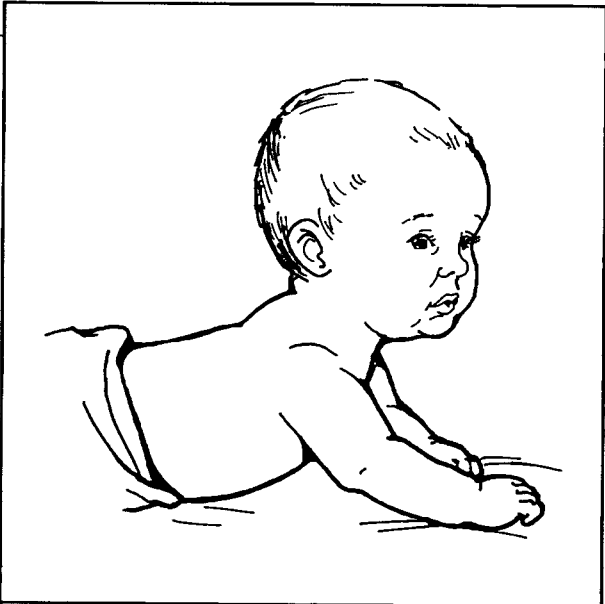
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
4 months

Developmental Skill:
weight bearing increases on radial
side
forearm weight-bearing with
beginning of external rotation



Helpful Hints:

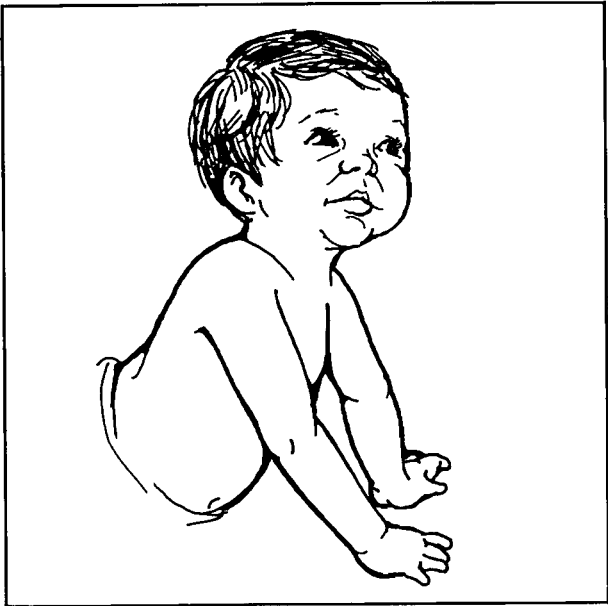
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
5 months

Developmental Skill:
prone on extended arms
shoulder girdle disassociated with
weight shift



Helpful Hints:

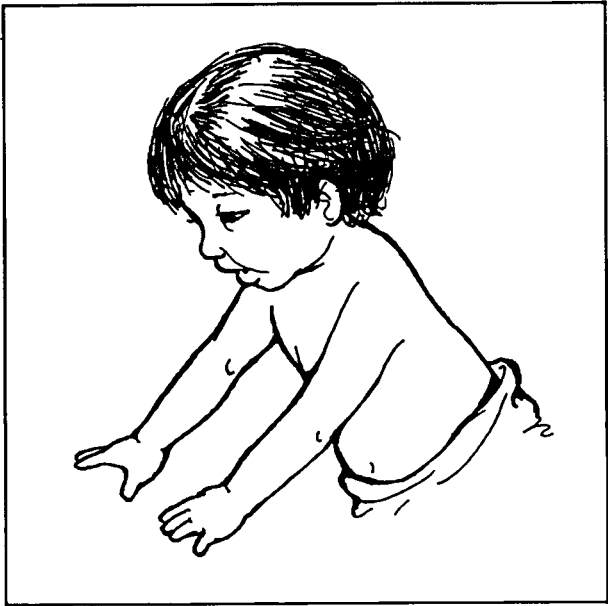
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
6 months

Developmental Skill:
plays in sidelying and sitting
protective extension forward



Helpful Hints:

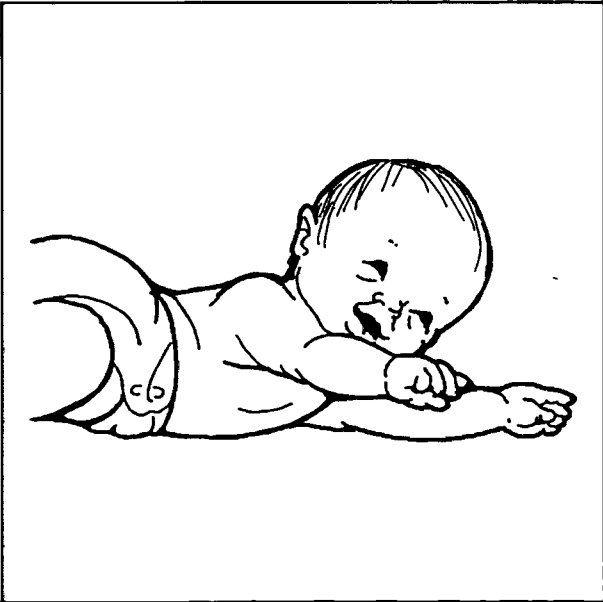
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
7 months

Developmental Skill:
upper body rotation



Helpful Hints:

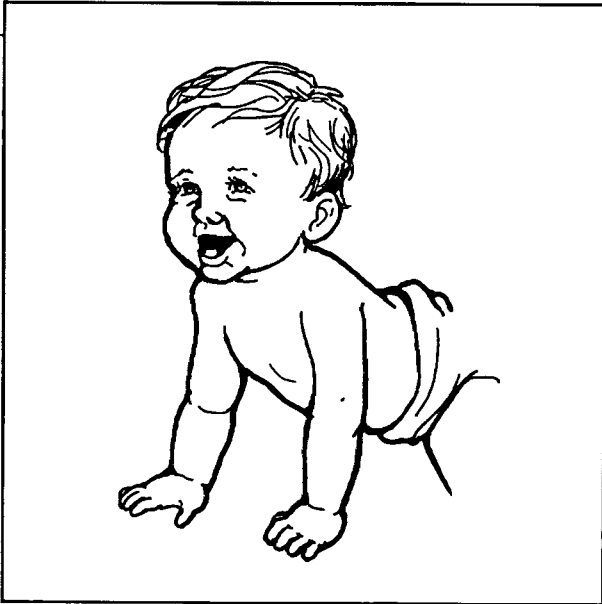
Therapist/Clinic:

Phone #:

Posture

Developmental Age:
8 months

Developmental Skill:
hand arches develop through weight
shift
protective reactions sideways



Helpful Hints:

Therapist/Clinic:

Phone #:

Posture

Developmental Age:
12 months

Developmental Skill:
back props in sitting



Helpful Hints:

Therapist/Clinic:

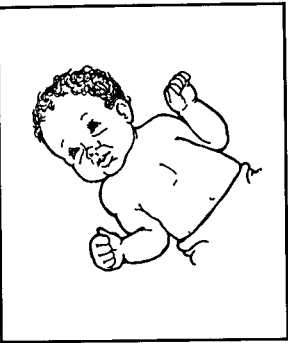
Phone #:

DEVELOPMENTAL SEQUENCES

Reach: Birth to 4 months

Birth to **1** month

no reach, moves arms
symmetrically
random arm
movements



2 months

asymmetrical reach



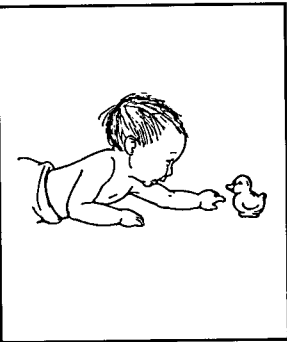
3 months

attempts to reach
toward toy with no
grasping
midline play on chest



4 months

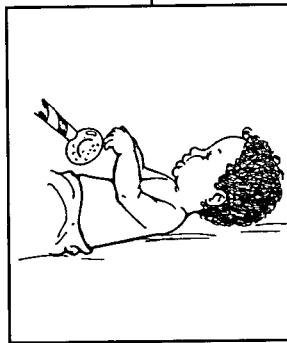
leans into reaching
arm



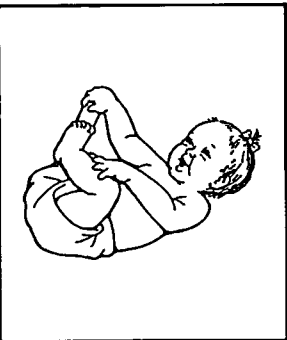

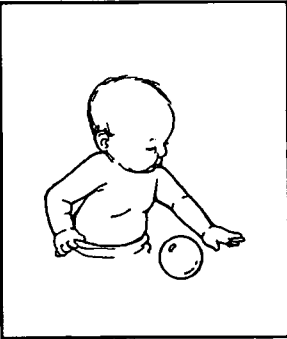
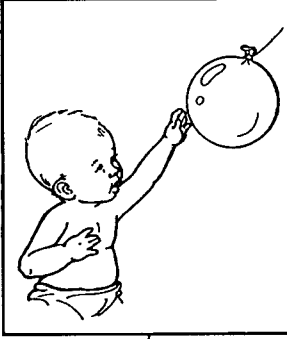
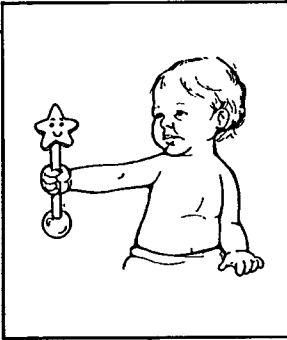
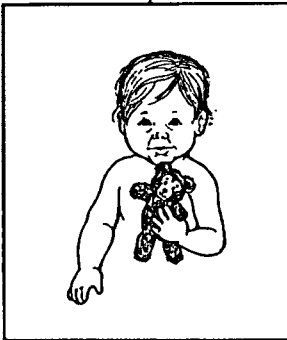
bilateral symmetrical
reach



back-handed approach
to object



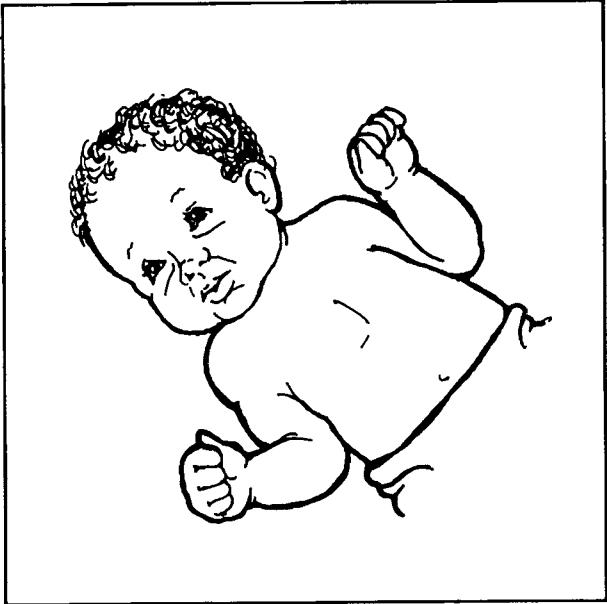
FINE MOTOR
DEVELOPMENTAL SEQUENCES
Reach: 5 to 11 months

5 months underreaches, adjusts, and corrals unilateral reach in prone last 20 degrees of elbow extension with hand-to-foot play		9 to 10 months wrist and fingers control with full arm extension	
6 months unilateral reach in sitting overreaches		11 months last 20 degrees of overhead reach in sitting	
7 months weight bearing on extended arms reach and grasp with extended elbow		supinated forearm with elbow extension	
supinates forearm with elbow flexion			

FINE MOTOR
Reach

Developmental Age:
Birth to 1 month

Developmental Skill:
no reach, moves arms symmetrically
random arm movements



Helpful Hints:

Therapist/Clinic:

Phone #:

Reach

Developmental Age:
2 months

Developmental Skill:
asymmetrical reach



Helpful Hints:

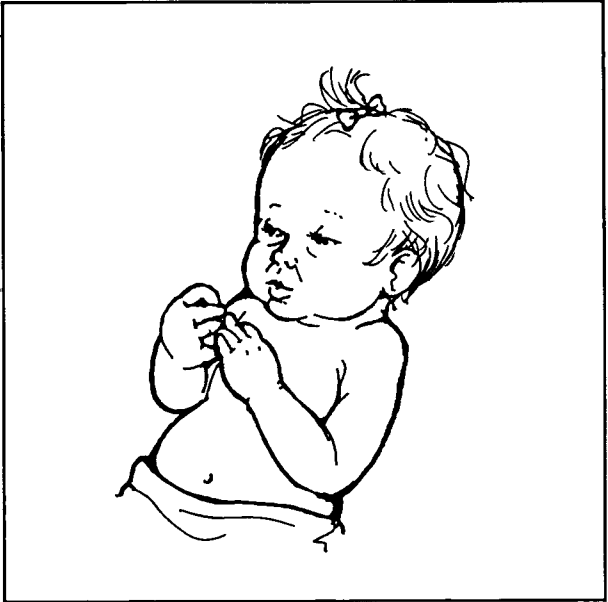
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
3 months

Developmental Skill:
attempts to reach toward toy with
no grasping
midline play on chest



Helpful Hints:

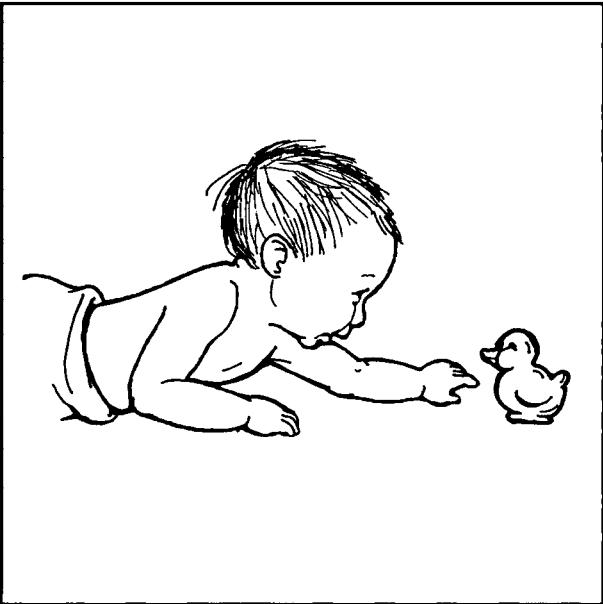
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
4 months

Developmental Skill:
leans into reaching arm



Helpful Hints:

Therapist/Clinic:

Phone #:

Reach

Developmental Age:
4 months

Developmental Skill:
bilateral symmetrical reach



Helpful Hints:

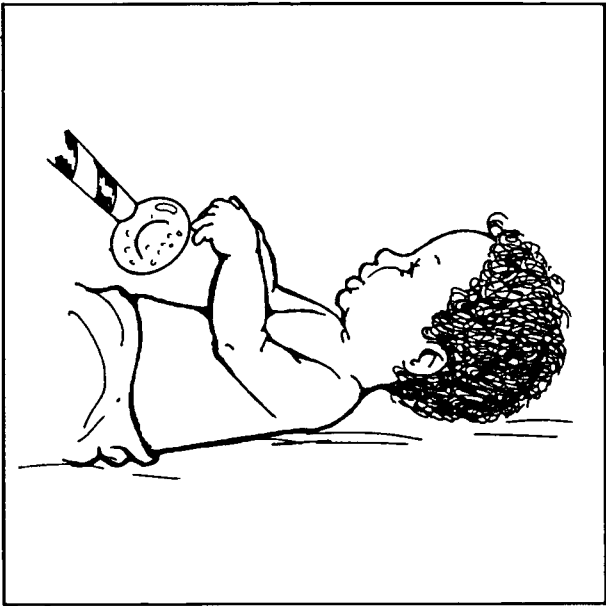
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
4 months

Developmental Skill:
back-handed approach to object



Helpful Hints:

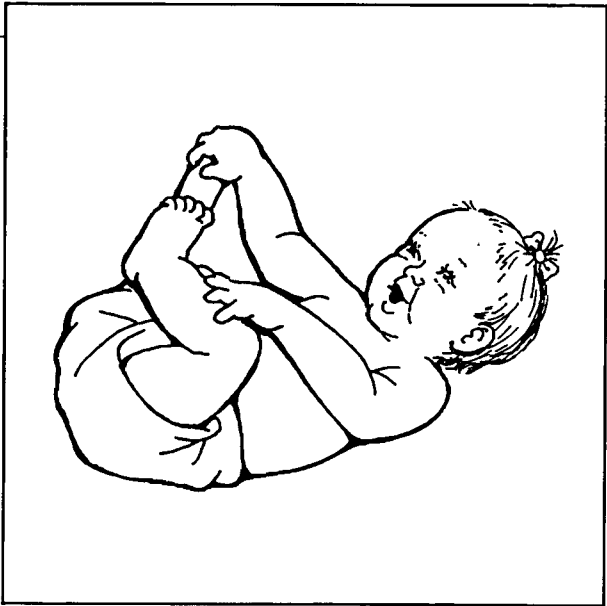
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
5 months

Developmental Skill:
underreaches, adjusts, and corrals
unilateral reach in prone
last 20 degrees of elbow extension
with hand-to-foot play



Helpful Hints:

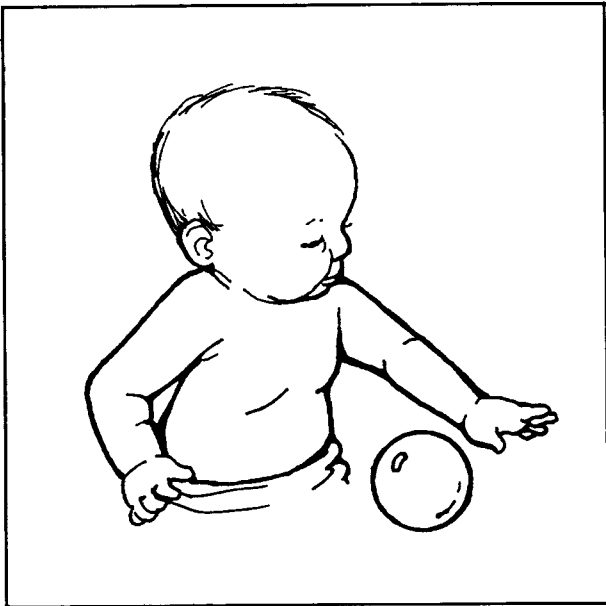
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
6 months

Developmental Skill:
unilateral reach in sitting
overreaches



Helpful Hints:

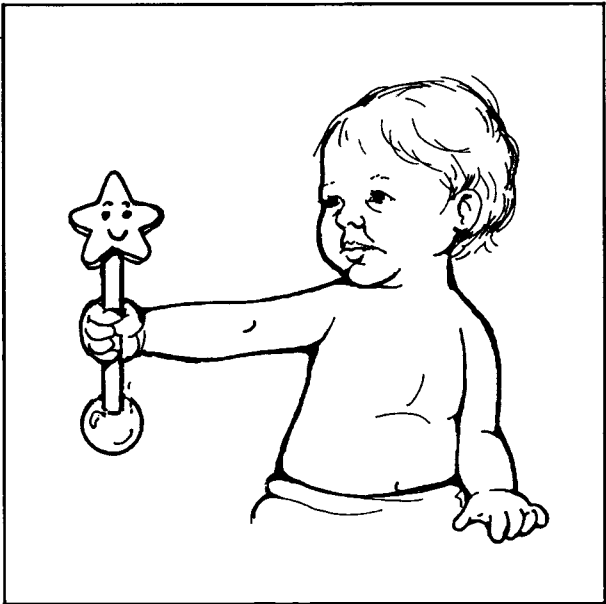
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
7 months

Developmental Skill:
weight bearing on extended arms
reach and grasp with extended elbow



Helpful Hints:

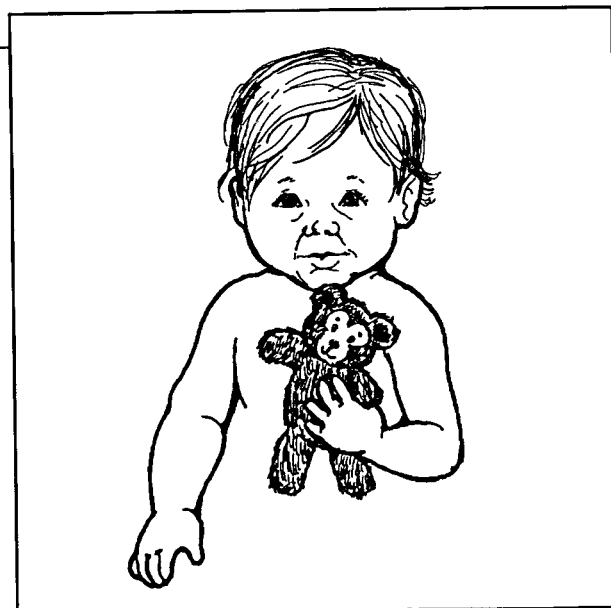
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
7 months

Developmental Skill:
supinates forearm with elbow flexion



Helpful Hints:

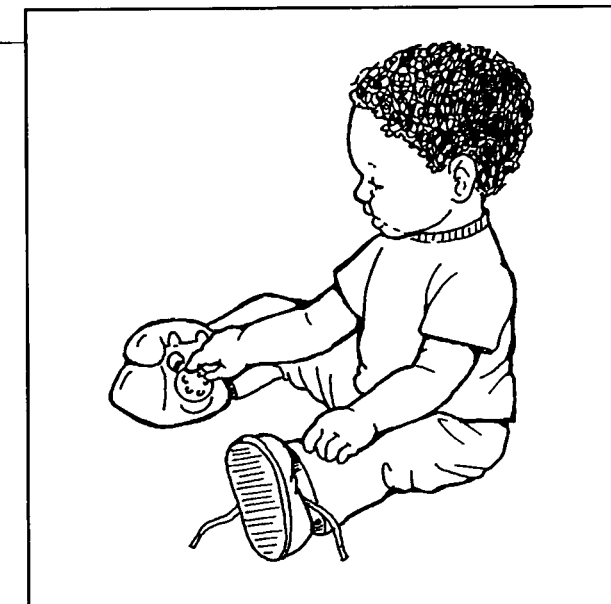
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
9 to 10 months

Developmental Skill:
wrist and fingers control with full arm extension



Helpful Hints:

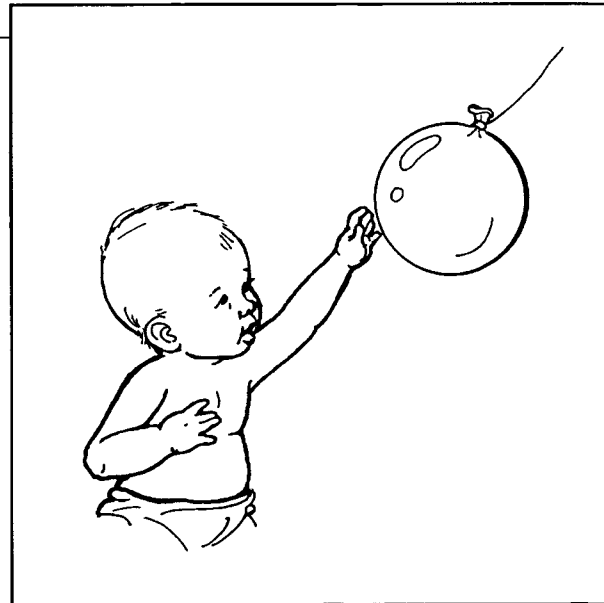
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
11 months

Developmental Skill:
last 20 degrees of overhead reach in
sitting



Helpful Hints:

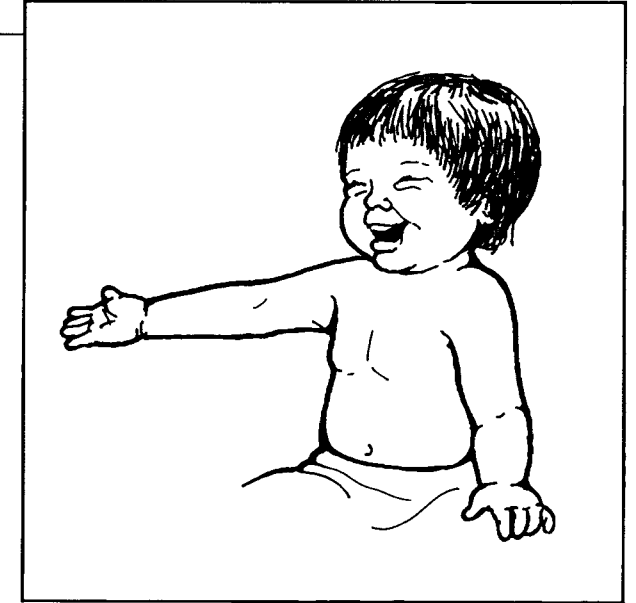
Therapist/Clinic:

Phone #:

Reach

Developmental Age:
11 months

Developmental Skill:
supinated forearm with elbow
extension



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp: Birth to 6 months

2 months

recognizes hands
thumbs usually outside
the palm



3 months

grasp reflex inhibited
voluntary grasp—ulnar
placement

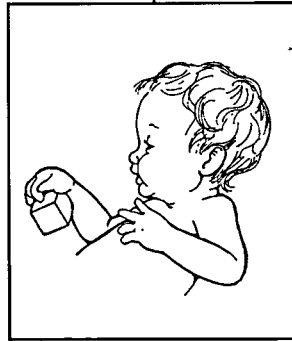


4 months

hands to mouth,
knees, and midline
with more open fingers

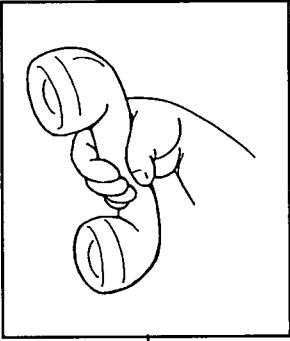


ulnar palmar grasp
with wrist in flexion



5 months

momentary palmar
grasp

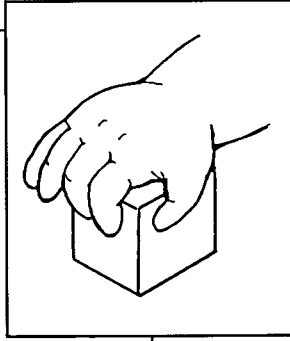


corrals objects
hands open most of
the time



6 months

radial palmar grasp



rakes tiny object
bangs objects on table



Grasp: 7 to 8 months

7 months

manipulates toy
actively with wrist
movement
shakes, bangs

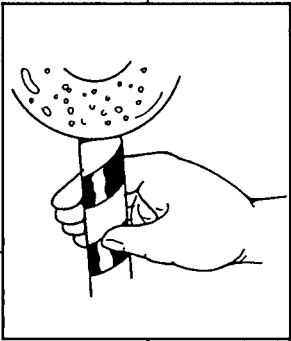


8 months

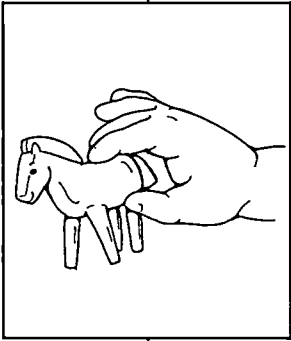
holds two objects at a
time in one hand
hands and fingers
adapt to object's shape
and size



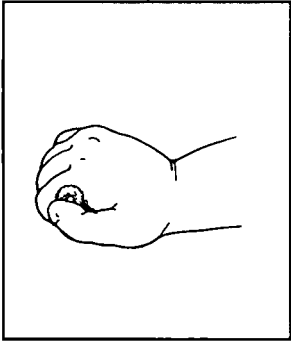
radial digital grasp



three-jaw chuck



inferior scissor, lateral
pinch



FINE MOTOR
DEVELOPMENTAL SEQUENCES
Grasp: 9 to 12 months

9 to 10 months pokes with index finger		11 months points with index finger	
hands used for separate functions		neat pincer grasp	
inferior pincer grasp		12 months one hand holds, the other manipulates	

FINE MOTOR
Grasp

Developmental Age:
2 months

Developmental Skill:
recognizes hands
thumb usually outside the palm



Helpful Hints:

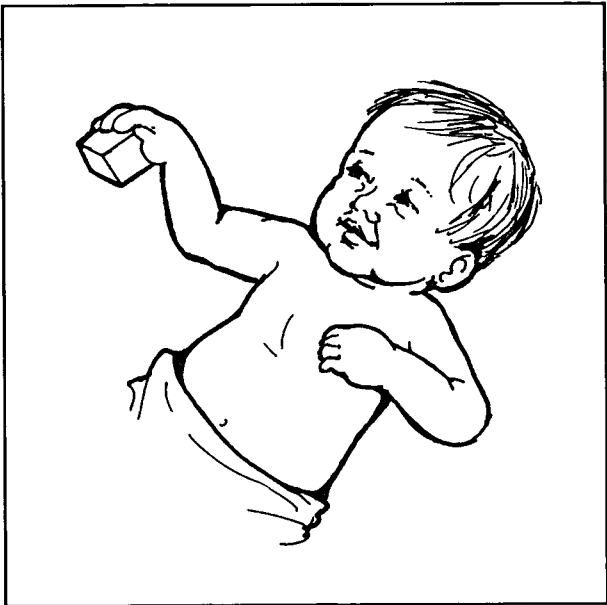
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
3 months

Developmental Skill:
grasp reflex inhibited
voluntary grasp—ulnar placement



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
4 months

Developmental Skill:
hands to mouth, knees, and midline
with more open fingers



Helpful Hints:

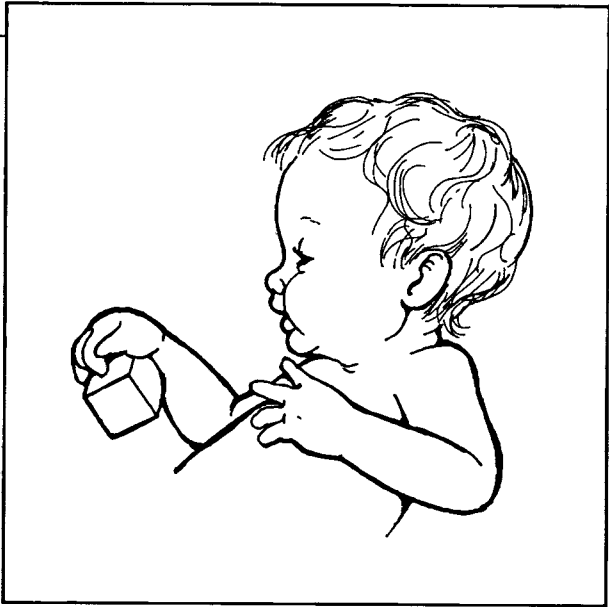
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
4 months

Developmental Skill:
ulnar palmar grasp with wrist in flexion



Helpful Hints:

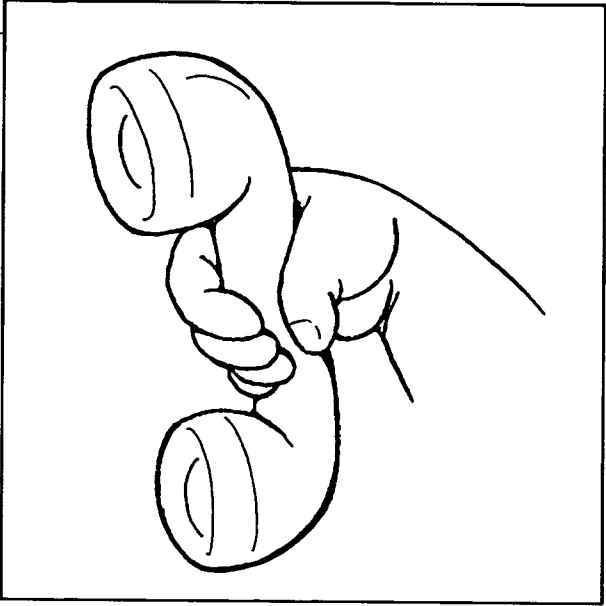
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
5 months

Developmental Skill:
momentary palmar grasp



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
5 months

Developmental Skill:
corrals objects
hands open most of the time



Helpful Hints:

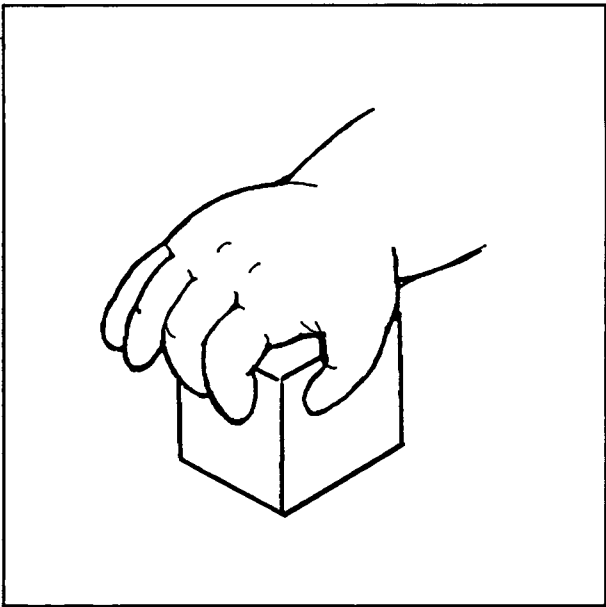
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
6 months

Developmental Skill:
radial palmar grasp



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
6 months

Developmental Skill:
rakes tiny object
bangs objects on table



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
7 months

Developmental Skill:
manipulates toy actively with wrist
movement
shakes and bangs



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age:

8 months

Developmental Skill:

holds two objects at a time in one
hand
hands and fingers adapt to object's
shape and size



Helpful Hints:

Therapist/Clinic:

Phone #:

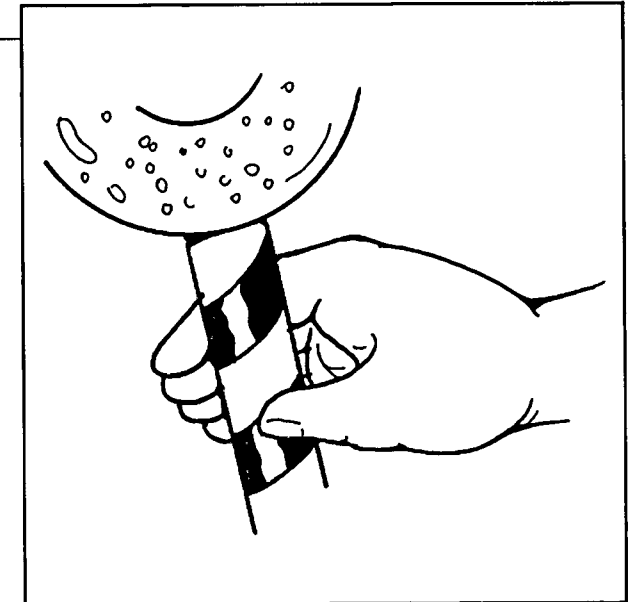
Grasp

Developmental Age:

8 months

Developmental Skill:

radial digital grasp



Helpful Hints:

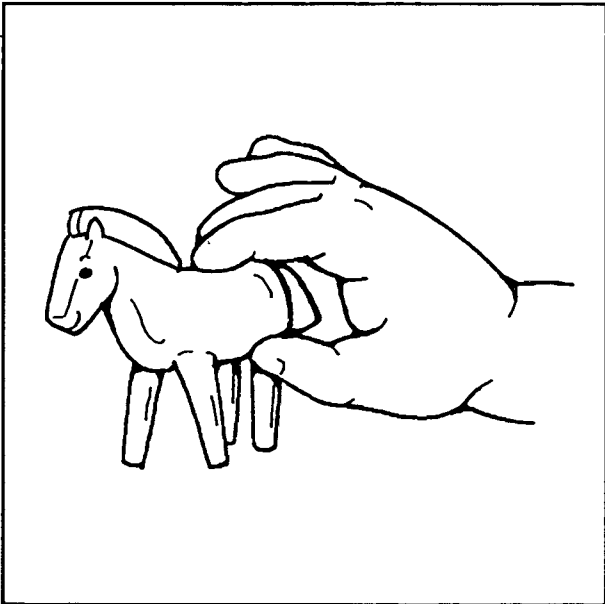
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
8 months

Developmental Skill:
three jaw chuck



Helpful Hints:

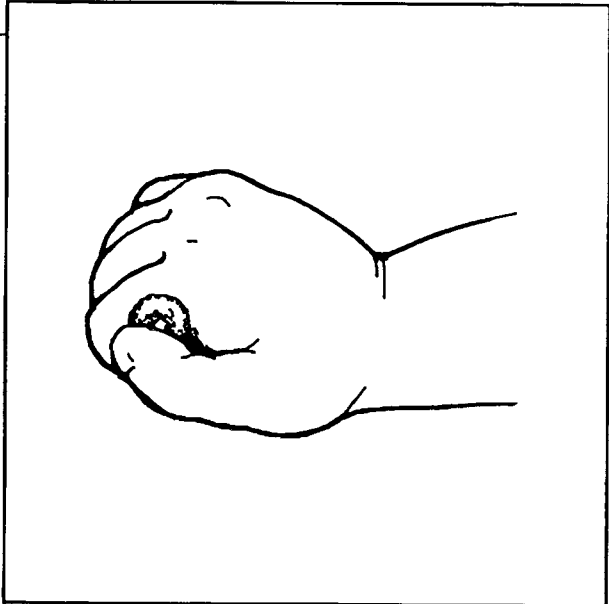
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
8 months

Developmental Skill:
inferior scissor, lateral pinch



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
9 to 10 months

Developmental Skill:
pokes with index finger



Helpful Hints:

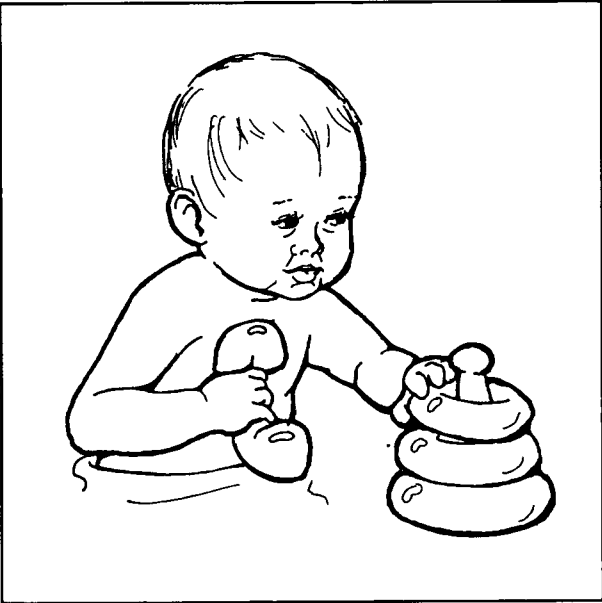
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
9 to 10 months

Developmental Skill:
hands used for separate functions



Helpful Hints:

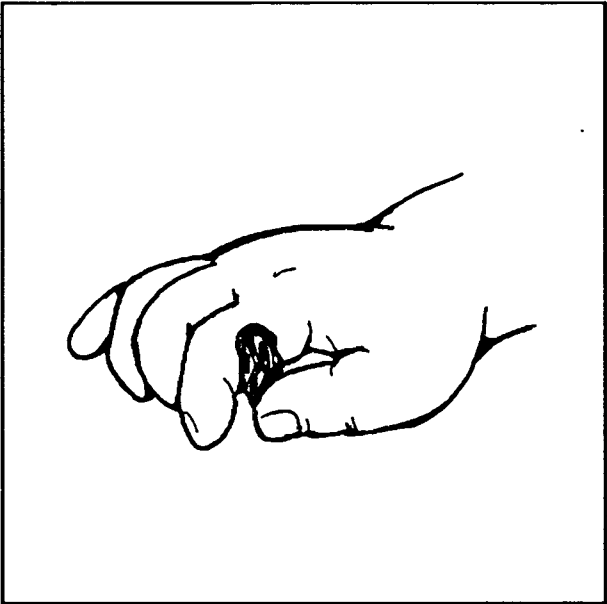
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
9 to 10 months

Developmental Skill:
inferior pincer grasp



Helpful Hints:

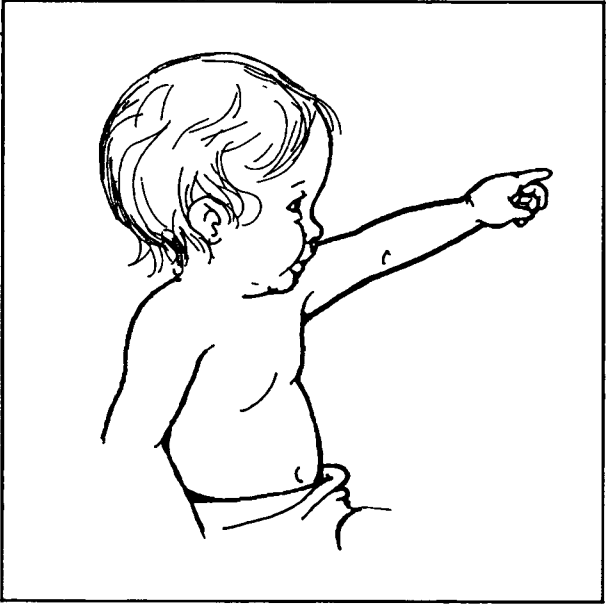
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
11 months

Developmental Skill:
points with index finger



Helpful Hints:

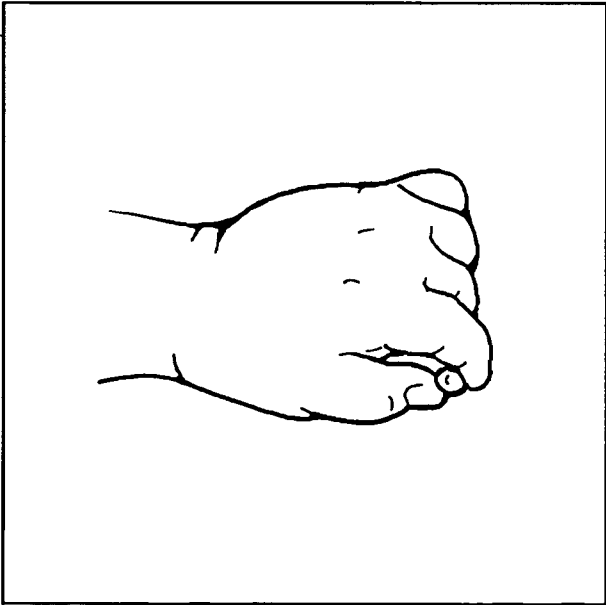
Therapist/Clinic:

Phone #:

Grasp

Developmental Age:
11 months

Developmental Skill:
neat pincer grasp



Helpful Hints:

Therapist/Clinic:

Phone #:

Grasp

Developmental Age
12 months

Developmental Skill:
one hand holds, the other
manipulates

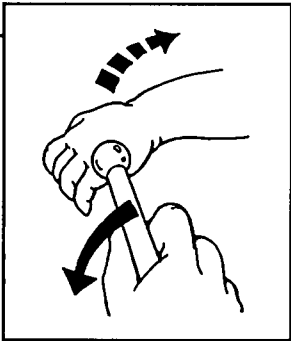
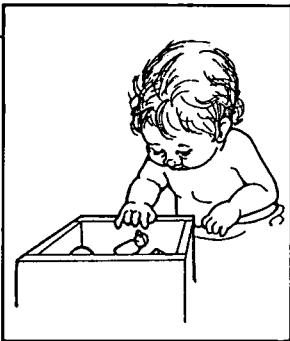
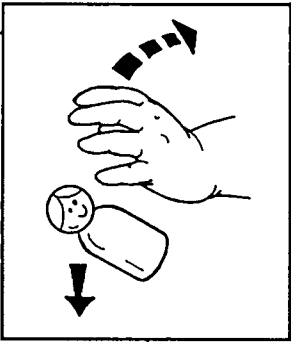
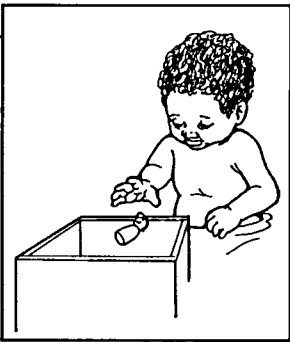
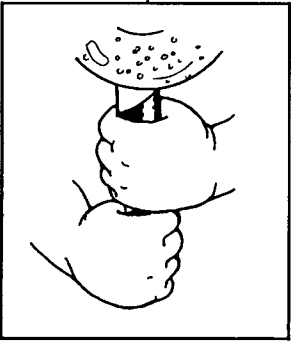





Helpful Hints:

Therapist/Clinic:

Phone #:

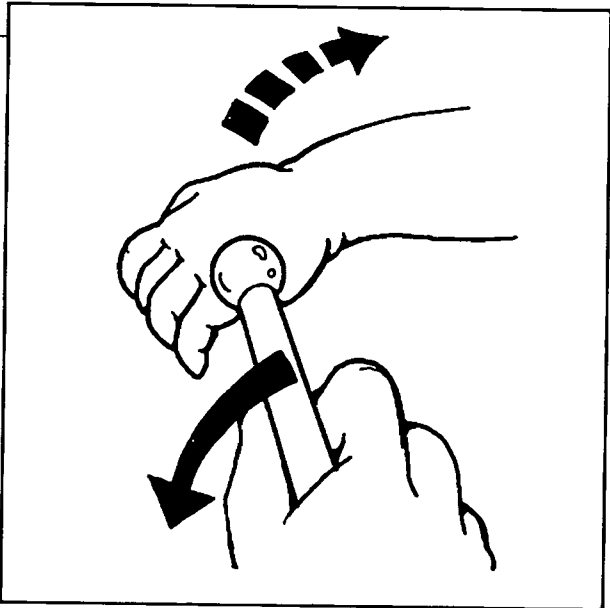
FINE MOTOR
DEVELOPMENTAL SEQUENCES
Release: Birth to 12 months

Birth to 1 month involuntary release avoiding response		7 months drops into container using surface for stability	
5 months accidental release		8 months releases objects above surface into large container	
two-stage transfer requires point of stability		9 to 10 months pincer-to-pincer transfers	
6 months one-stage transfer simultaneous grasp and release		12 months releases into small container with precision	

FINE MOTOR
Release

Developmental Age:
Birth to 1 month

Developmental Skill:
involuntary release
avoiding response



Helpful Hints:

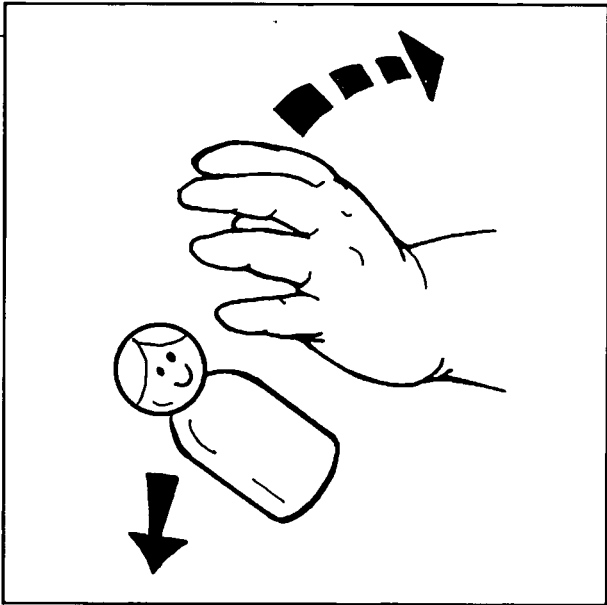
Therapist/Clinic:

Phone #:

Release

Developmental Age:
5 months

Developmental Skill:
accidental release



Helpful Hints:

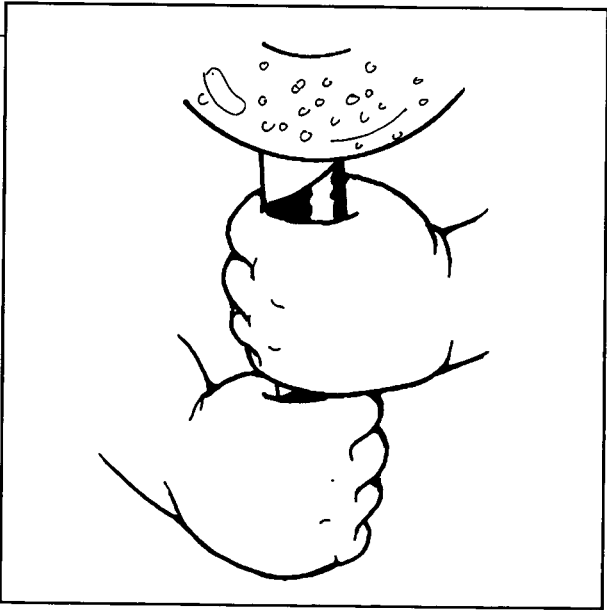
Therapist/Clinic:

Phone #:

Release

Developmental Age:
5 months

Developmental Skill:
two-stage transfer
requires point of stability



Helpful Hints:

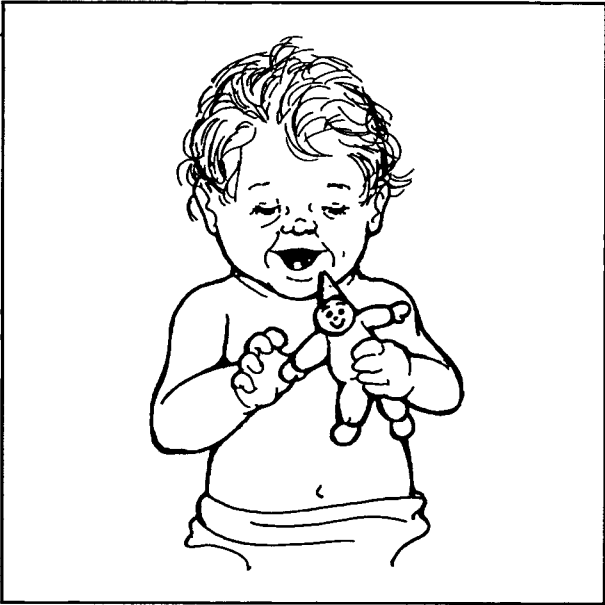
Therapist/Clinic:

Phone #:

Release

Developmental Age:
6 months

Developmental Skill:
one-stage transfer
simultaneous grasp and release



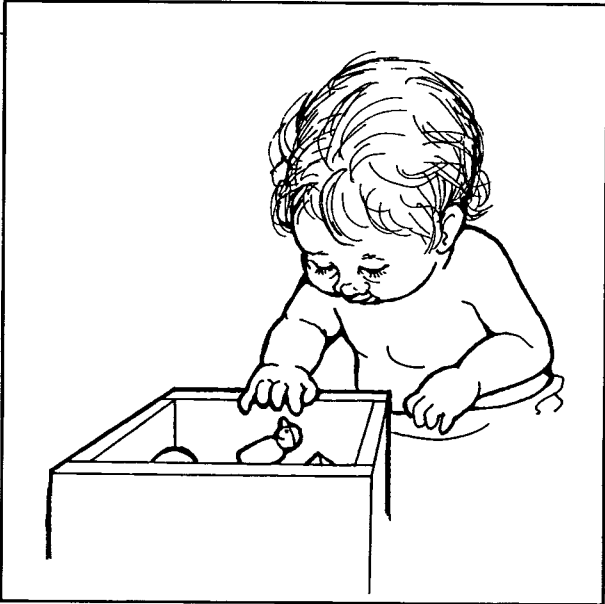
Helpful Hints:

Therapist/Clinic: _____ **Phone #:** _____

Release

Developmental Age:
7 months

Developmental Skill:
drops into container using surface
for stability



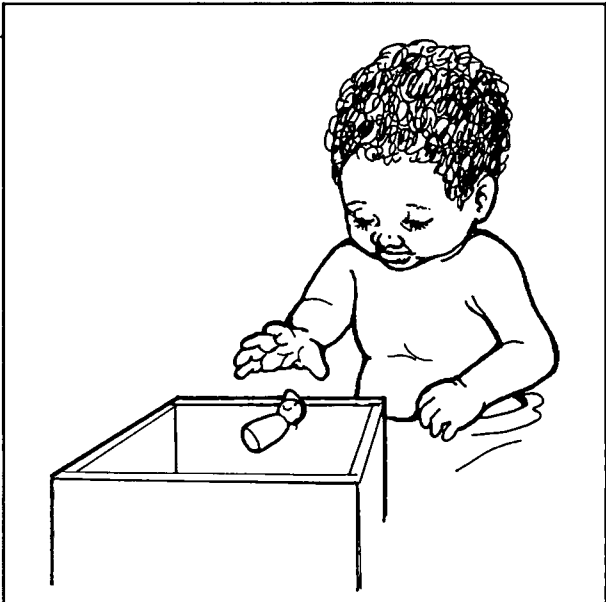
Helpful Hints:

Therapist/Clinic: _____ **Phone #:** _____

Release

Developmental Age:
8 months

Developmental Skill:
releases objects above surface into
large container



Helpful Hints:

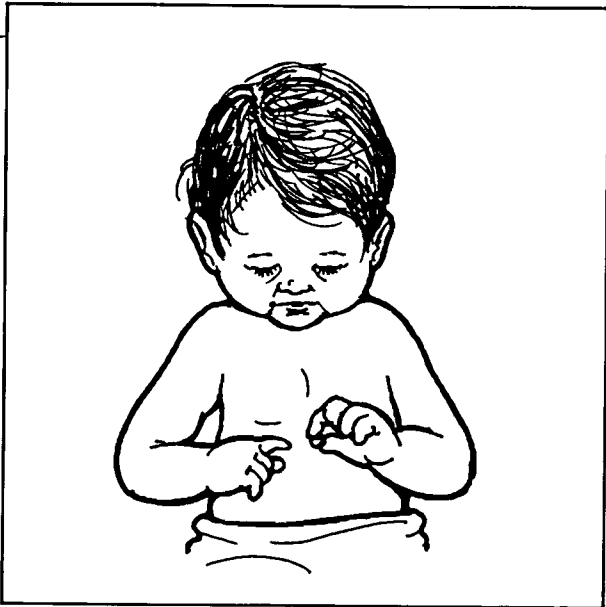
Therapist/Clinic:

Phone #:

Release

Developmental Age:
9 to 10 months

Developmental Skill:
pincer-to-pincer transfer



Helpful Hints:

Therapist/Clinic:

Phone #:

Release

Developmental Age:
12 months

Developmental Skill:
releases into small container with
precision



Helpful Hints:

Therapist/Clinic:

Phone #:

Self-Feeding
Development



SELF FEEDING
DEVELOPMENTAL SEQUENCES
Bottle: Birth to 24 months

Birth to **2** months

brings hands to mouth
in supine and prone



5 1/2 months

holds bottle
independently, one or
both hands



3 1/2 months

visually recognizes
nipple or bottle



18 to 24
months

gives up bottle



4 months

pats bottle with one or
both hands



4 1/2 months

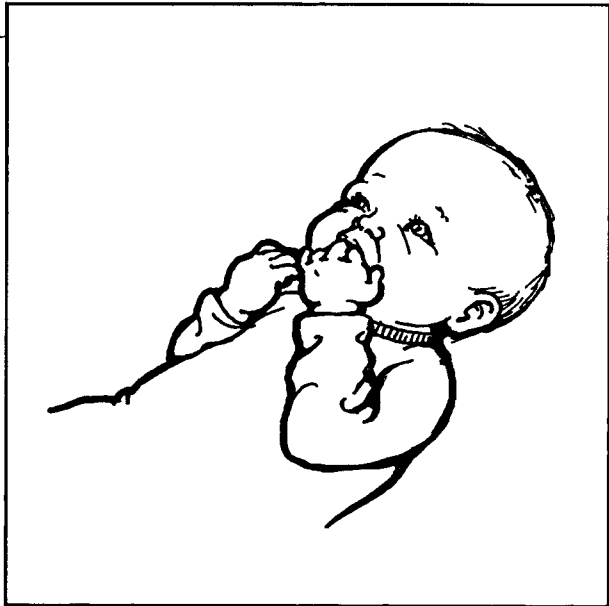
holds bottle with both
hands



Bottle

Developmental Age:
Birth to 2 months

Developmental Skill:
brings hands to mouth in supine
and prone



Helpful Hints:

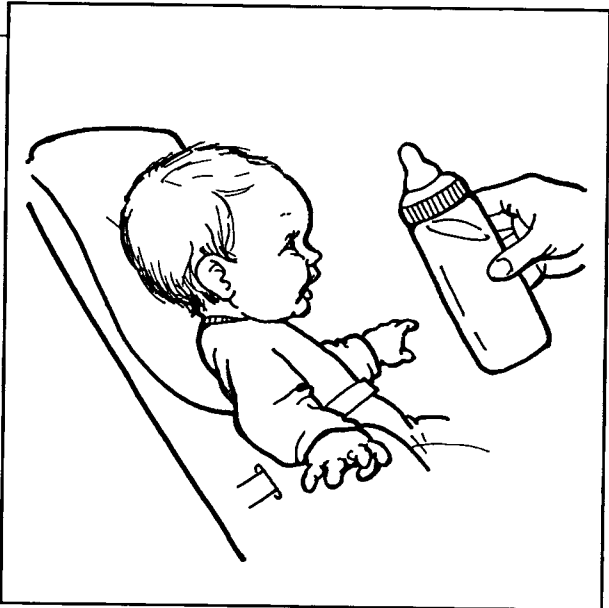
Therapist/Clinic:

Phone #:

Bottle

Developmental Age:
3½ months

Developmental Skill:
visually recognizes nipple or bottle



Helpful Hints:

Therapist/Clinic:

Phone #:

Bottle

Developmental Age:
4 months

Developmental Skill:
pats bottle with one or both hands



Helpful Hints:

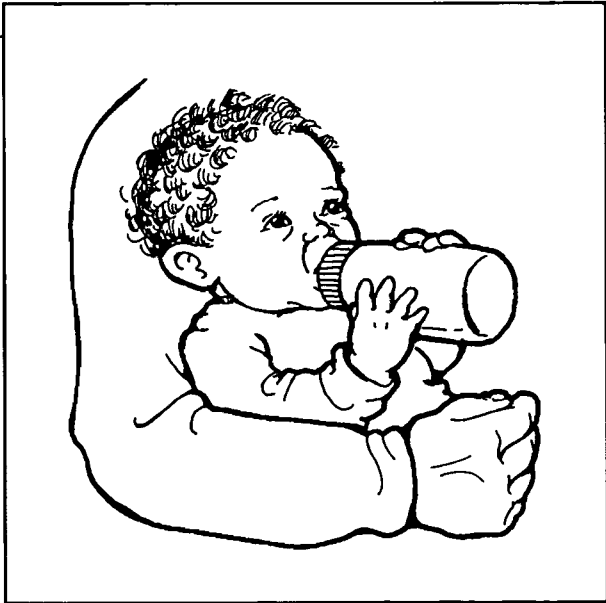
Therapist/Clinic:

Phone #:

Bottle

Developmental Age:
4½ months

Developmental Skill:
holds bottle with both hands



Helpful Hints:

Therapist/Clinic:

Phone #:

Bottle

Developmental Age:
5½ months

Developmental Skill:
holds bottle independently, one or both hands



Helpful Hints:

Therapist/Clinic:

Phone #:

Bottle

Developmental Age:
18 to 24 months

Developmental Skill:
gives up bottle



Helpful Hints:

Therapist/Clinic:

Phone #:

SELF FEEDING

DEVELOPMENTAL SEQUENCES

Fingers: 1 to 24 months

1 to 4 months

sucks fingers when near mouth



3 months

brings hands to mouth while holding object



5 to 6 months

mouls and gums solid foods



6 1/2 to 7 months

feeds self cracker (munching)



9 months

holds soft cookie in mouth (doesn't bite through)



finger feeds many soft foods



12 months

bites through soft cookie



24 months

bites through a variety of food thicknesses

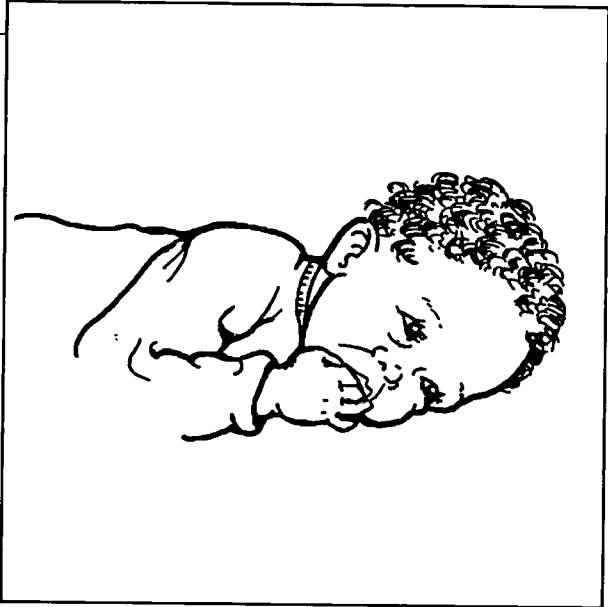


SELF FEEDING

Fingers

Developmental Age:
1 to 4 months

Developmental Skill:
sucks fingers when near mouth



Helpful Hints:

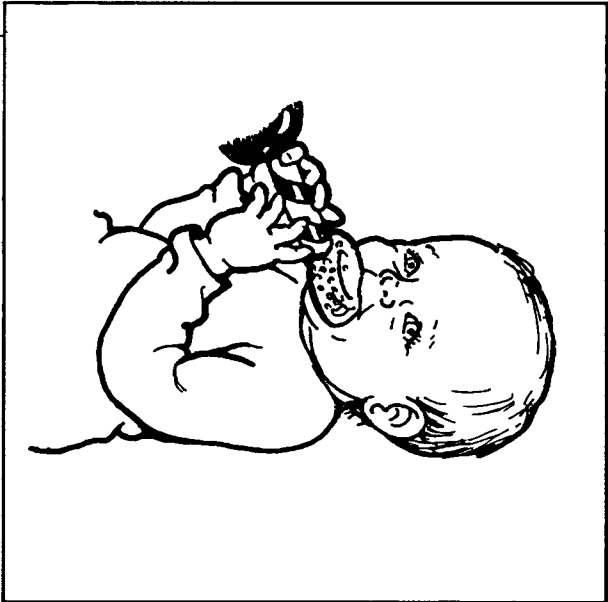
Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
3 months

Developmental Skill:
brings hands to mouth while holding
object



Helpful Hints:

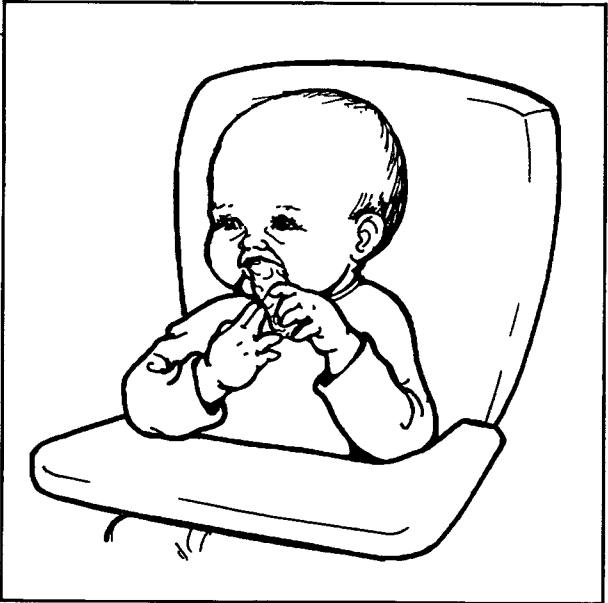
Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
5 to 6 months

Developmental Skill:
mouths and gums solids foods



Helpful Hints:

Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
6½ to 7 months

Developmental Skill:
feeds self cracker (munching)



Helpful Hints:

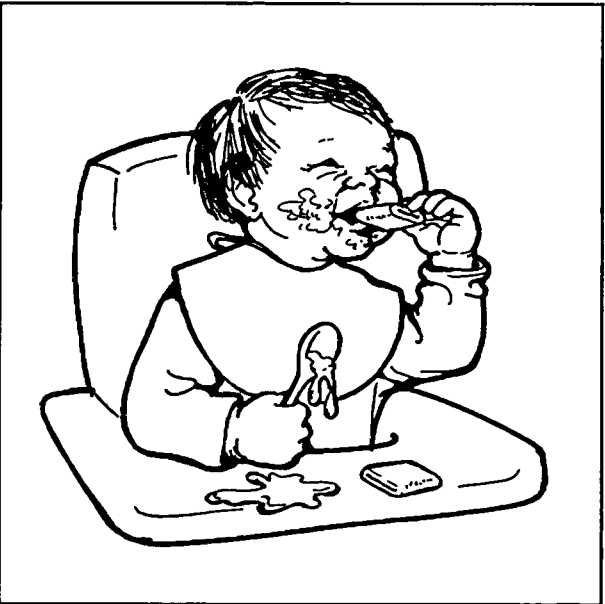
Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
9 months

Developmental Skill:
holds soft cookie in mouth (doesn't bite through)



Helpful Hints:

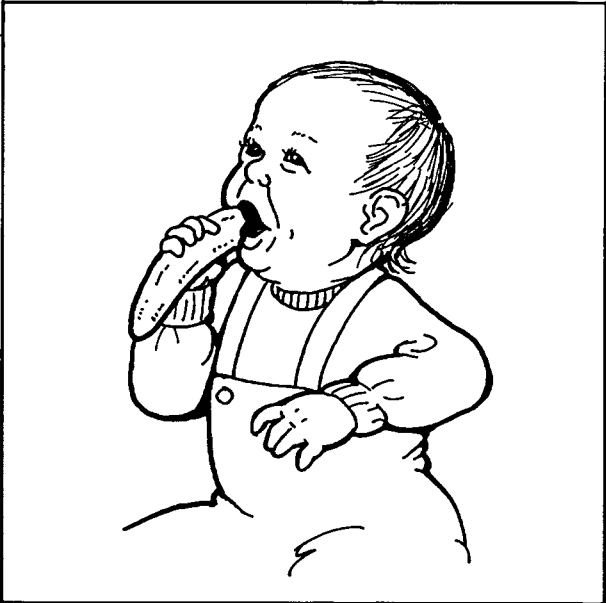
Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
9 months

Developmental Skill:
finger feeds many soft foods



Helpful Hints:

Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
12 months

Developmental Skill:
bites through soft cookie



Helpful Hints:

Therapist/Clinic:

Phone #:

Fingers

Developmental Age:
24 months

Developmental Skill:
bites through a variety of food
thicknesses



Helpful Hints:

Therapist/Clinic:

Phone #:

DEVELOPMENTAL SEQUENCES

Spoon/Fork: 4 to 36 months

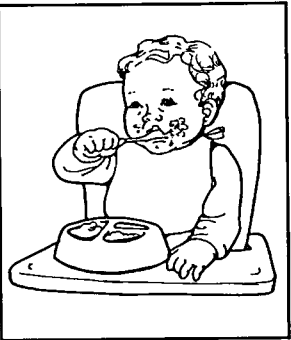
4 to 7 months

opens mouth when
spoon presented



12 to 14 months

brings filled spoon to
mouth



9 months

reaches for spoon
when presented



15 to 18 months

scoops food



bangs spoon



24 months

brings spoon/fork to
mouth palm up



stirs in imitation



36 months

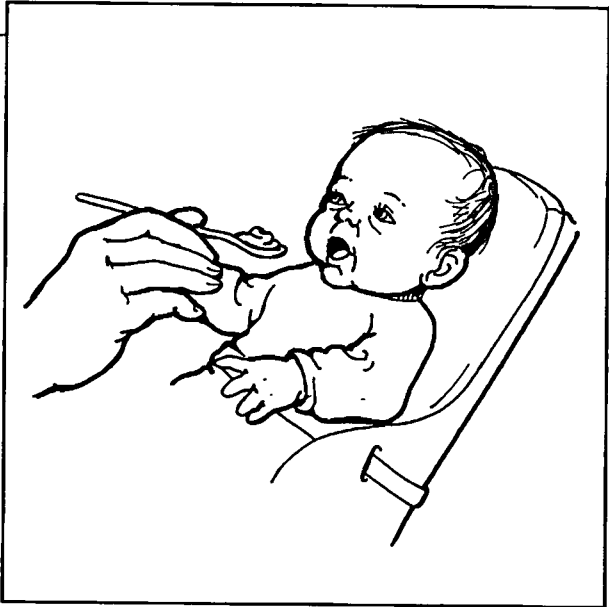
uses fork to stab
self feeding
little spillage



Spoon/Fork

Developmental Age:
4 to 7 months

Developmental Skill:
opens mouth when spoon presented



Helpful Hints:

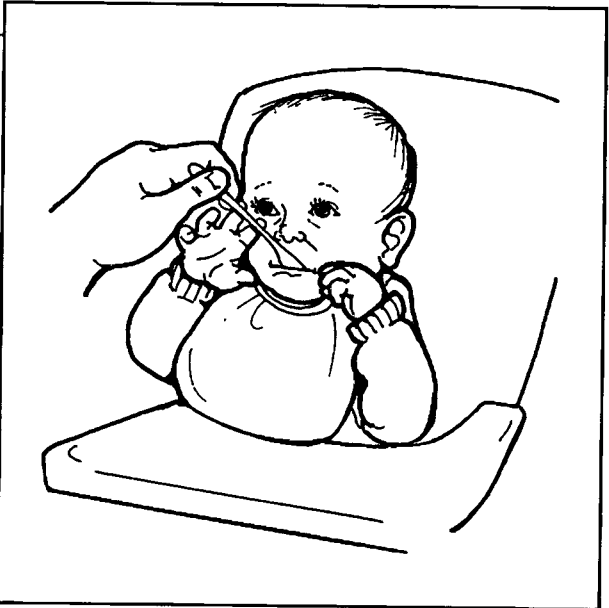
Therapist/Clinic:

Phone #:

Spoon/Fork

Developmental Age:
9 months

Developmental Skill:
reaches for spoon when presented



Helpful Hints:

Therapist/Clinic:

Phone #:

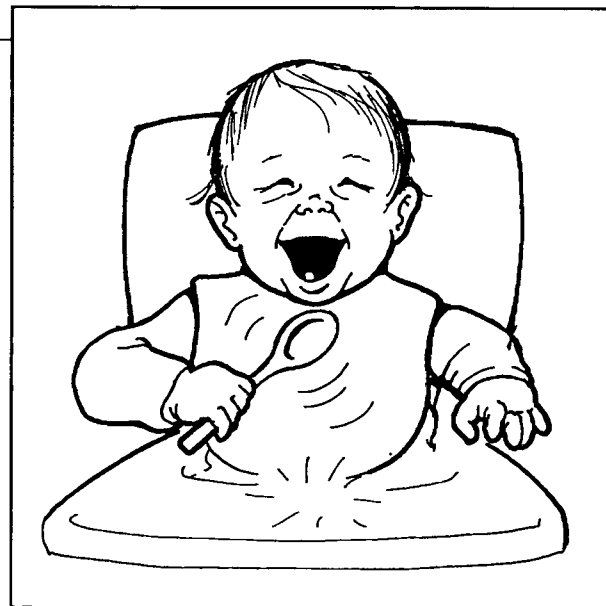
Spoon/Fork

Developmental Age:

9 months

Developmental Skill:

bangs spoon



Helpful Hints:

Therapist/Clinic:

Phone #:

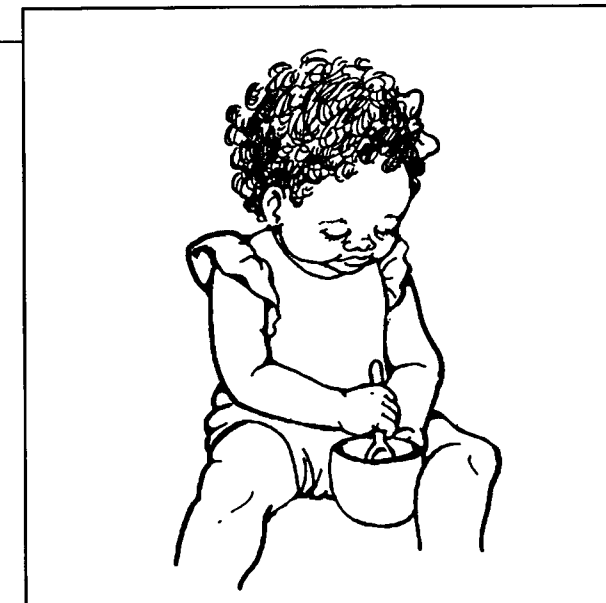
Spoon/Fork

Developmental Age:

9 months

Developmental Skill:

stirs in imitation



Helpful Hints:

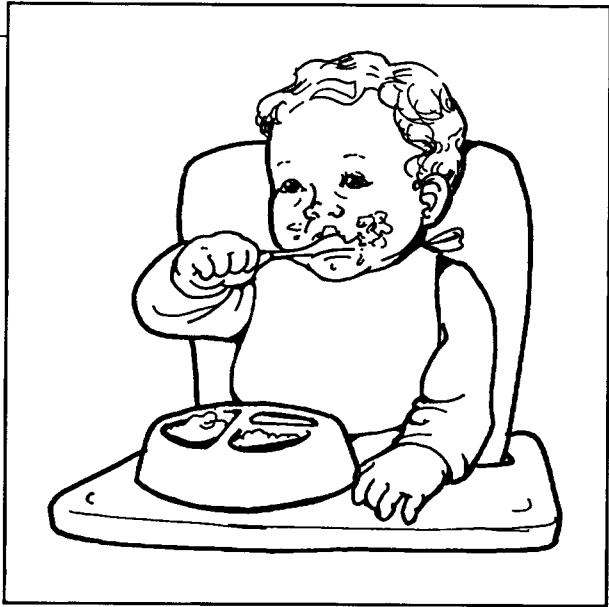
Therapist/Clinic:

Phone #:

Spoon/Fork

Developmental Age:
12 to 14 months

Developmental Skill:
brings filled spoon to mouth



Helpful Hints:

Therapist/Clinic:

Phone #:

Spoon/Fork

Developmental Age:
15 to 18 months

Developmental Skill:
scoops food



Helpful Hints:

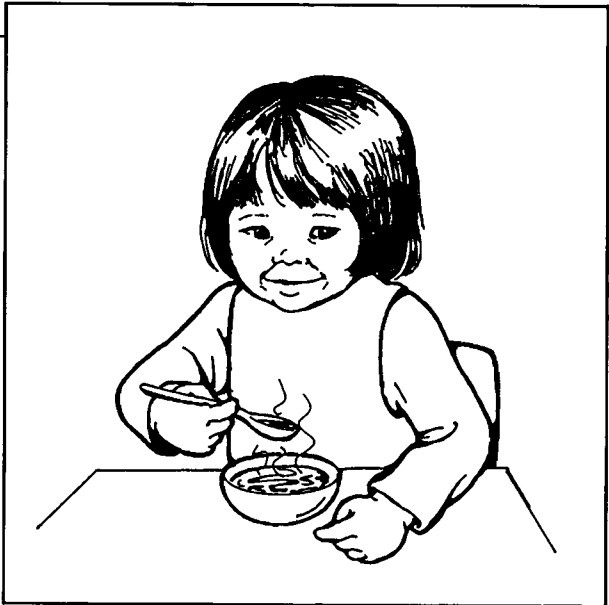
Therapist/Clinic:

Phone #:

Spoon/Fork

Developmental Age:
24 months

Developmental Skill:
brings spoon/fork to mouth palm up



Helpful Hints:

Therapist/Clinic: Phone #:

Spoon/Fork

Developmental Age:
36 months

Developmental Skill:
uses fork to stab
self feeding
little spillage



Helpful Hints:

Therapist/Clinic: Phone #:

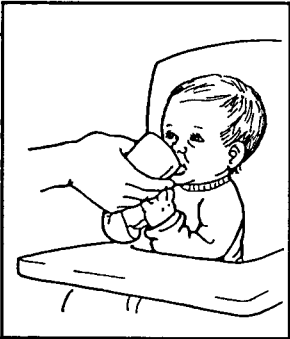
SELF FEEDING

DEVELOPMENTAL SEQUENCES

Cup: 6 to 30 months

6 months

drinks from cup held
by adult



18 to 24 months

drinks from a cup



12 months

holds cup
drinks with some
spillage



20 to 22 months

holds small cup in one
hand



12 to 24 months

drinks from a straw



30 months

pours from small cup



SELF FEEDING

Cup

Developmental Age:
6 months

Developmental Skill:
drinks from cup held by adult



Helpful Hints:

Therapist/Clinic:

Phone #:

Cup

Developmental Age:
12 months

Developmental Skill:
holds cup
drinks with some spillage



Helpful Hints:

Therapist/Clinic:

Phone #:

Cup

Developmental Age:
12 to 24 months

Developmental Skill:
drinks from a straw



Helpful Hints:

Therapist/Clinic:

Phone #:

Cup

Developmental Age:
18 to 24 months

Developmental Skill:
drinks from a cup



Helpful Hints:

Therapist/Clinic:

Phone #:

Cup

Developmental Age:
20 to 22 months

Developmental Skill:
holds small cup in one hand



Helpful Hints:

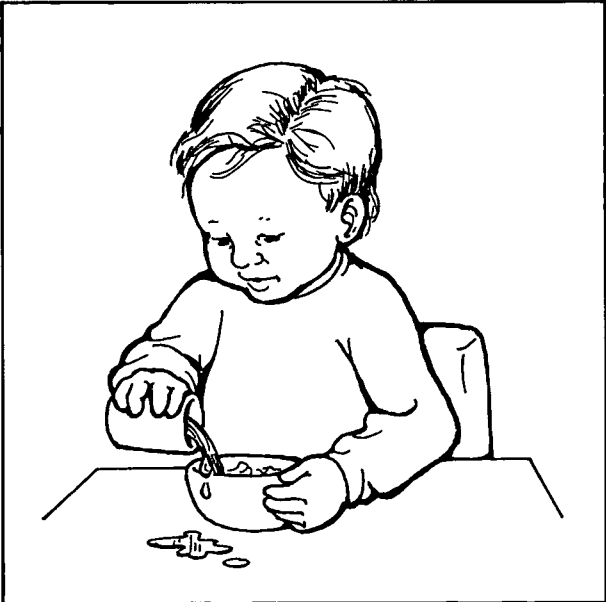
Therapist/Clinic:

Phone #:

Cup

Developmental Age:
30 months

Developmental Skill:
pours from small cup

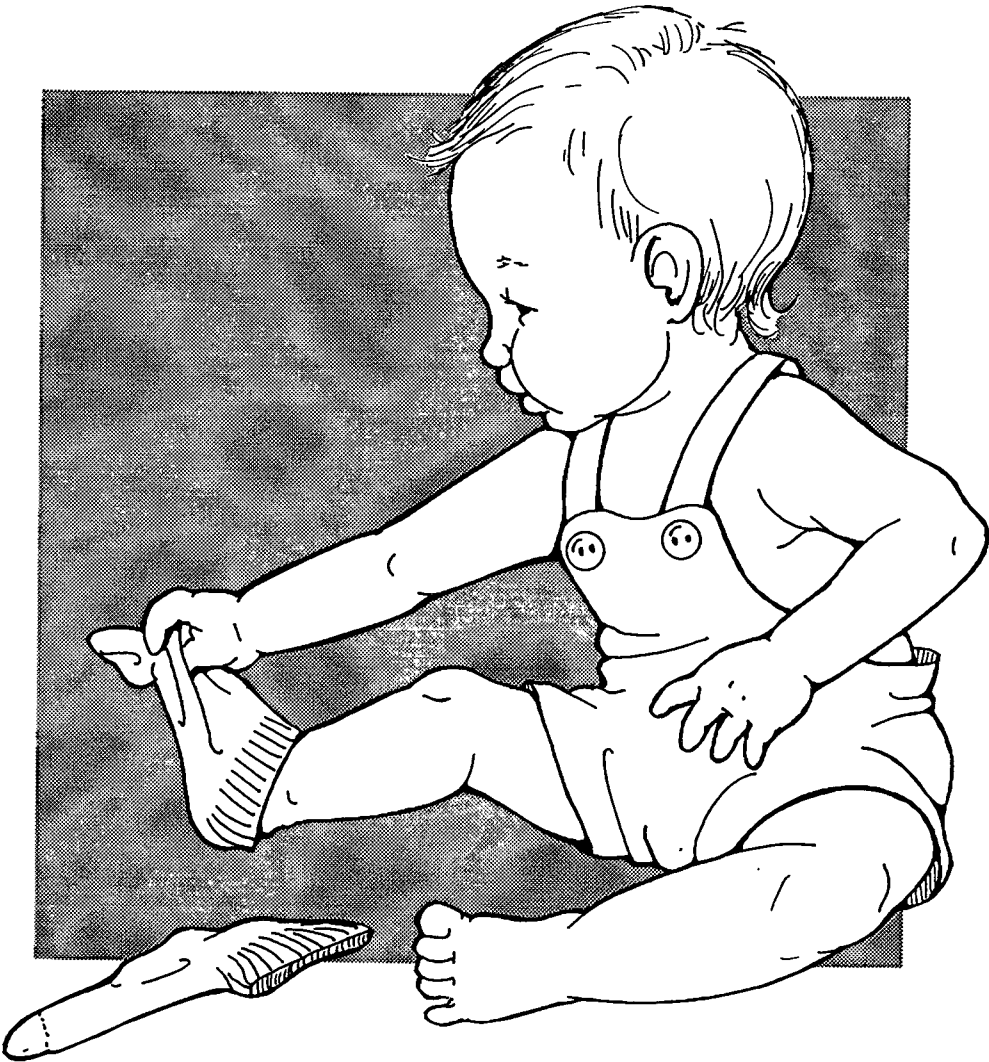


Helpful Hints:

Therapist/Clinic:

Phone #:

Self-Dressing Development



SELF DRESSING
DEVELOPMENTAL SEQUENCES
Shirt: 1 to 5 years

1 year pushes arm through holds arm out for sleeve		2 1/2 years puts on front-button shirt	
2 years finds armholes in T-shirt		3 years needs assistance to remove and put on T-shirt	
removes unfastened garment		5 years puts on pullover garment correctly	

Shirt

Developmental Age:
1 year

Developmental Skill:
pushes arm through
holds arm out for sleeve



Helpful Hints:

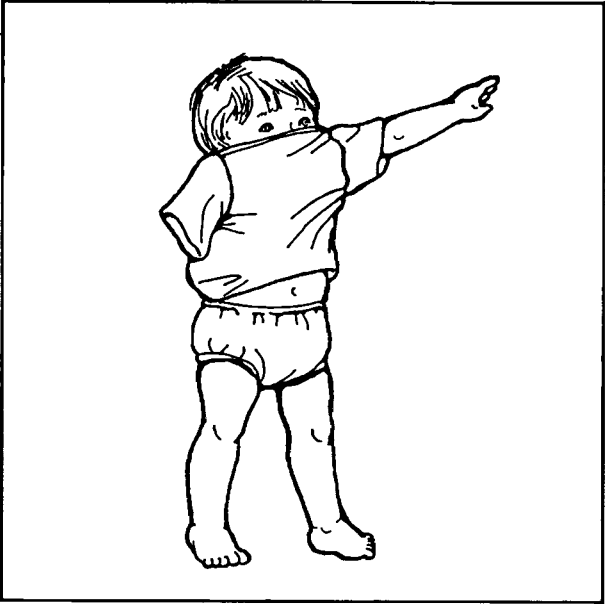
Therapist/Clinic:

Phone #:

Shirt

Developmental Age:
2 years

Developmental Skill:
finds armholes in T-shirt



Helpful Hints:

Therapist/Clinic:

Phone #:

Shirt

Developmental Age:
2 years

Developmental Skill:
removes unfastened garment



Helpful Hints:

Therapist/Clinic:

Phone #:

Shirt

Developmental Age:
2½ years

Developmental Skill:
puts on front-button shirt



Helpful Hints:

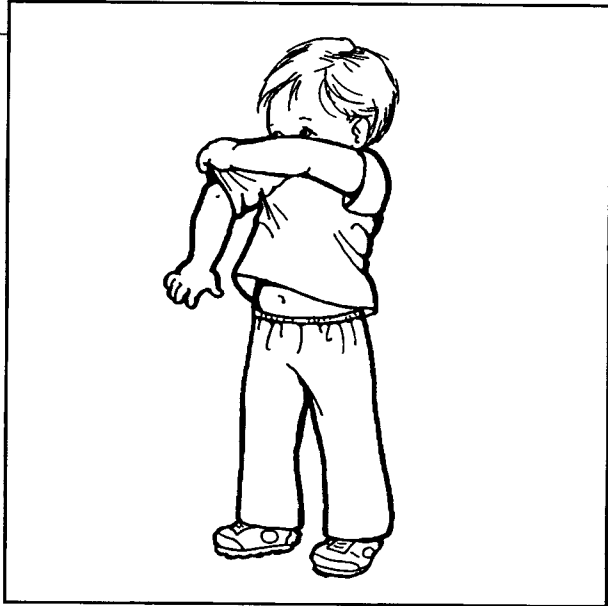
Therapist/Clinic:

Phone #:

Shirt

Developmental Age:
3 years

Developmental Skill:
needs assistance to remove and
put on T-shirt



Helpful Hints:

Therapist/Clinic:

Phone #:

Shirt

Developmental Age:
5 years

Developmental Skill:
puts on pullover garment correctly



Helpful Hints:

Therapist/Clinic:

Phone #:

SELF DRESSING
DEVELOPMENTAL SEQUENCES
Pants: 1 to 4½ years

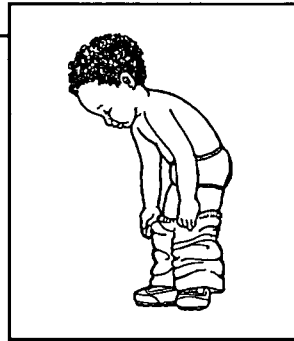
1 year

pushes leg through pants



3 years

independent with pull-down garments



2 years

helps push down pants (standing)



4½ years

puts belt in loop



2½ years

removes pull-down garment with elastic waist



SELF DRESSING
Pants

Developmental Age:
1 year

Developmental Skill:
pushes leg through pants



Helpful Hints:

Therapist/Clinic:

Phone #:

Pants

Developmental Age:
2 years

Developmental Skill:
helps push down pants (standing)



Helpful Hints:

Therapist/Clinic:

Phone #:

Pants

Developmental Age:
2½ years

Developmental Skill:
removes pull-down garment with
elastic waist



Helpful Hints:

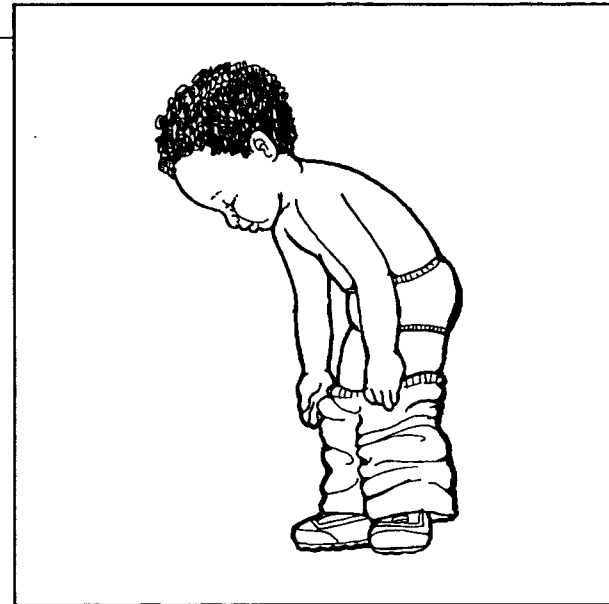
Therapist/Clinic:

Phone #:

Pants

Developmental Age:
3 years

Developmental Skill:
independent with pull-down garments



Helpful Hints:

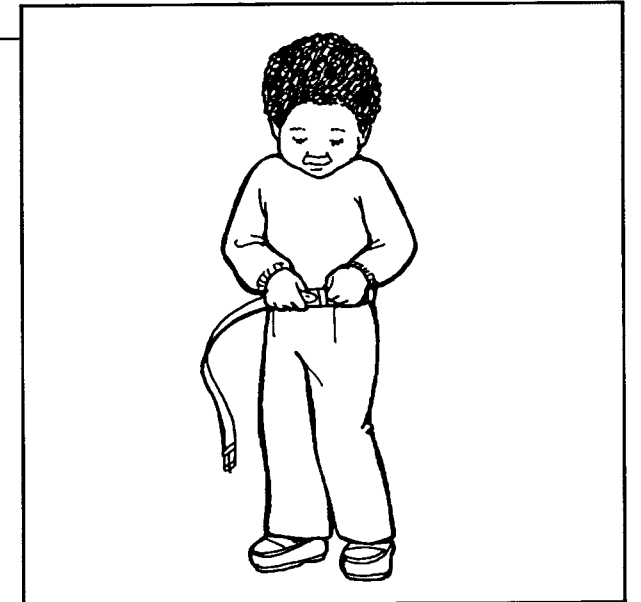
Therapist/Clinic:

Phone #:

Pants

Developmental Age:
4½ years

Developmental Skill:
puts belt in loop



Helpful Hints:

Therapist/Clinic:

Phone #:

SELF DRESSING

DEVELOPMENTAL SEQUENCES

Socks: 1 to 4 years

1 year

removes socks
(sitting)



2 1/2 years

tries to put socks on



3 years

puts on socks
some difficulty turning
heel



4 years

puts on socks with
heel placement



SELF DRESSING

Socks

Developmental Age:
1 year

Developmental Skill:
removes socks (sitting)



Helpful Hints:

Therapist/Clinic:

Phone #:

Socks

Developmental Age:
2½ years

Developmental Skill:
tries to put socks on



Helpful Hints:

Therapist/Clinic:

Phone #:

Socks

Developmental Age:
3 years

Developmental Skill:
puts on socks
some difficulty turning heel



Helpful Hints:

Therapist/Clinic:

Phone #:

Socks

Developmental Age:
4 years

Developmental Skill:
puts on socks with heel placement



Helpful Hints:

Therapist/Clinic:

Phone #:

DEVELOPMENTAL SEQUENCES

Shoes: 1 to 4 years

1 year

likes to pull shoes off
holds foot up for shoe



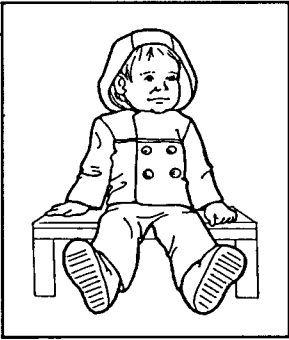
2 years

removes shoes if laces
untied



3 years

puts on shoes without
fasteners
may be wrong feet



3 1/2 years

unbuckles shoes



puts on boots



4 years

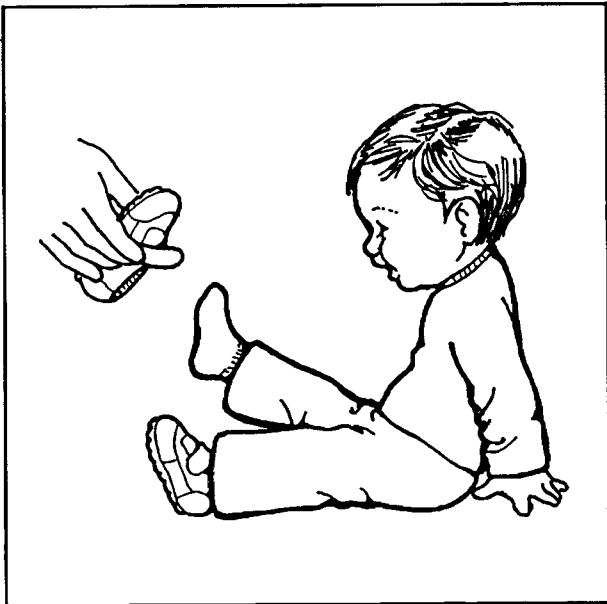
puts on shoes with
little assistance



Shoes

Developmental Age:
1 year

Developmental Skill:
likes to pull shoes off
holds foot up for shoe



Helpful Hints:

Therapist/Clinic:

Phone #:

Shoes

Developmental Age:
2 years

Developmental Skill:
removes shoes if laces untied



Helpful Hints:

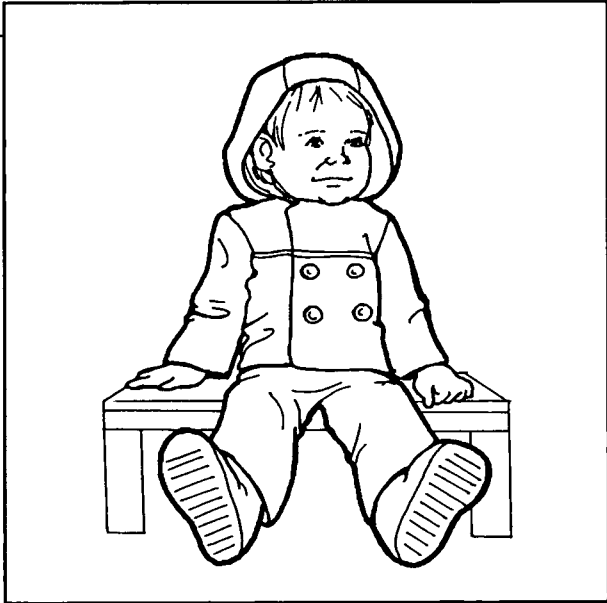
Therapist/Clinic:

Phone #:

Shoes

Developmental Age:
3 years

Developmental Skill:
puts on shoes without fasteners
may be wrong feet



Helpful Hints:

Therapist/Clinic:

Phone #:

Shoes

Developmental Age:
3½ years

Developmental Skill:
unbuckles shoes



Helpful Hints:

Therapist/Clinic:

Phone #:

Shoes

Developmental Age:
3½ years

Developmental Skill:
puts on boots



Helpful Hints:

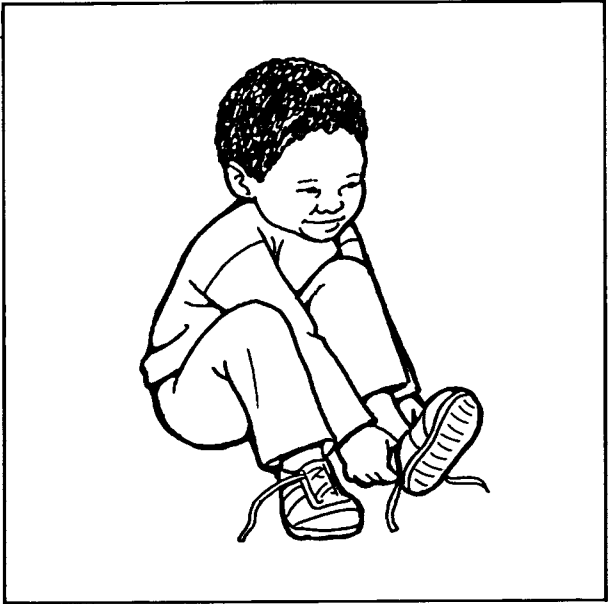
Therapist/Clinic:

Phone #:

Shoes

Developmental Age:
4 years

Developmental Skill:
puts on shoes with little assistance



Helpful Hints:

Therapist/Clinic:

Phone #:

Closures: 1 to 3½ years

1 year

takes hat on and off



3½ years

buttons a series of
three or four buttons



2½ years

unbuttons one large
button



zips and separates
shank on jacket
puts on mittens



3 years

zips and unzips jacket
unable to separate or
insert shank



snaps or hooks
clothing in front



buttons large front
buttons



Closures: 4 to 6 years

4 years

buckles shoes



6 years

closes a back zipper



buckles belt



ties a bow



laces shoes



does buttons and
snaps in back



5 years

ties a knot
unties a tie on apron
(behind)



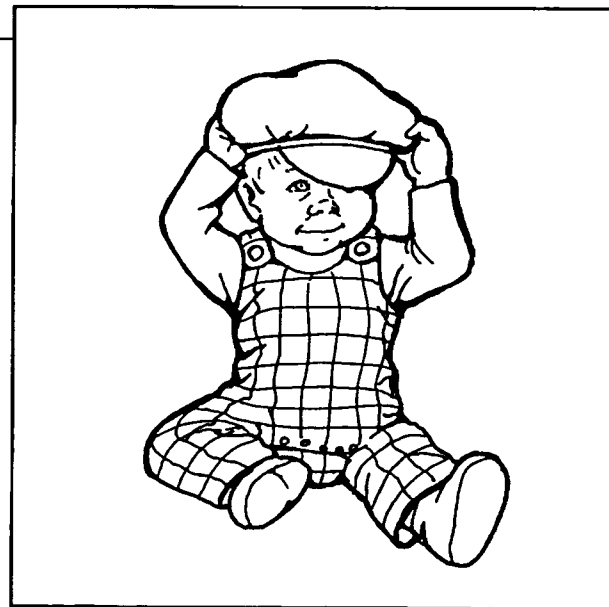
Closures

Developmental Age:

1 year

Developmental Skill:

takes hat on and off



Helpful Hints:

Therapist/Clinic:

Phone #:

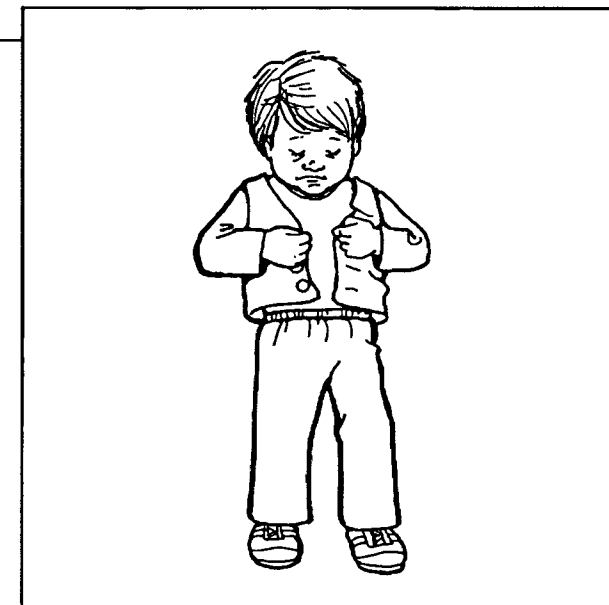
Closures

Developmental Age:

2½ years

Developmental Skill:

unbuttons one large button



Helpful Hints:

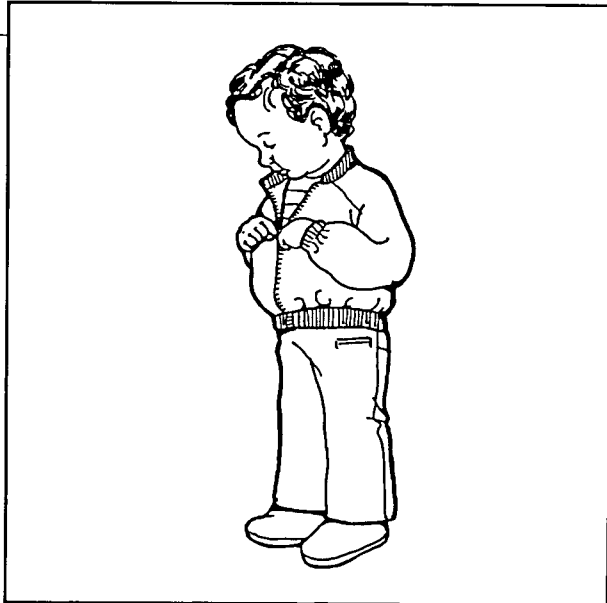
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
3 years

Developmental Skill:
zips and unzips jacket
unable to separate or insert shank



Helpful Hints:

Therapist/Clinic:

Phone #:

Closures

Developmental Age:
3 years

Developmental Skill:
buttons large front buttons



Helpful Hints:

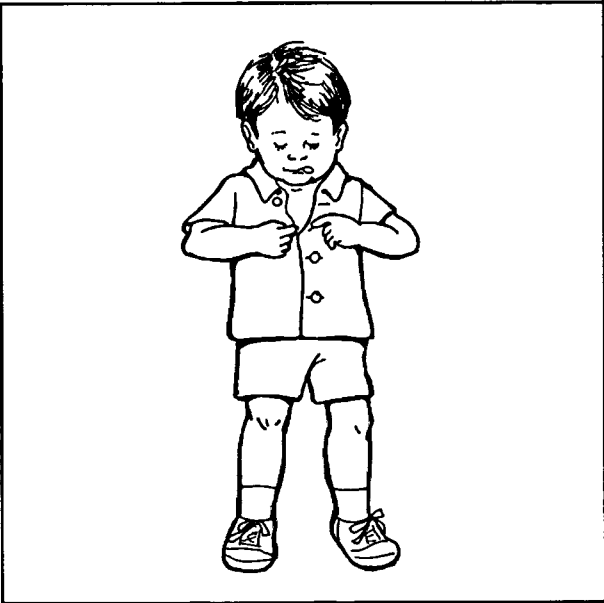
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
3½ years

Developmental Skill:
buttons a series of three or four buttons



Helpful Hints:

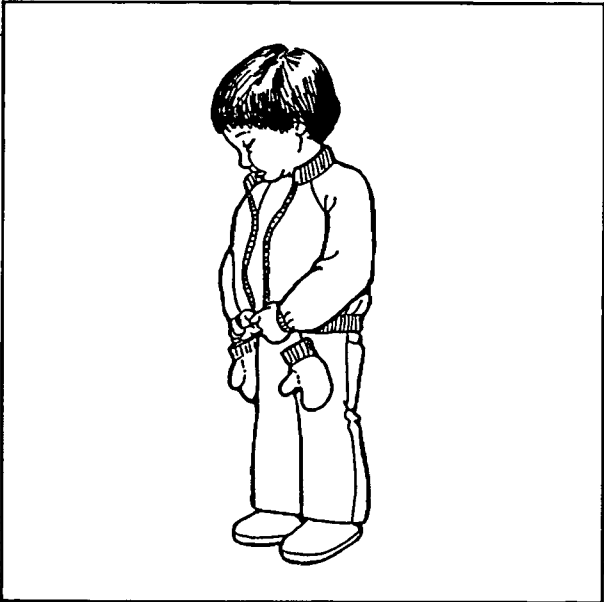
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
3½ years

Developmental Skill:
zips and separates shank on jacket
puts on mittens



Helpful Hints:

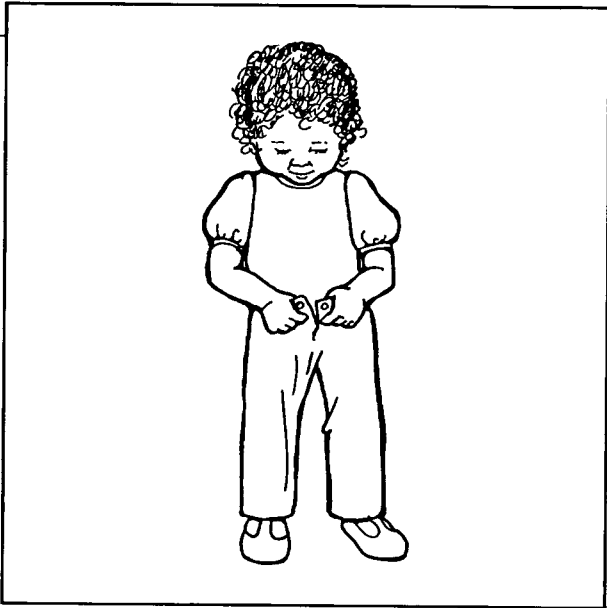
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
3½ years

Developmental Skill:
snaps or hooks clothing in front



Helpful Hints:

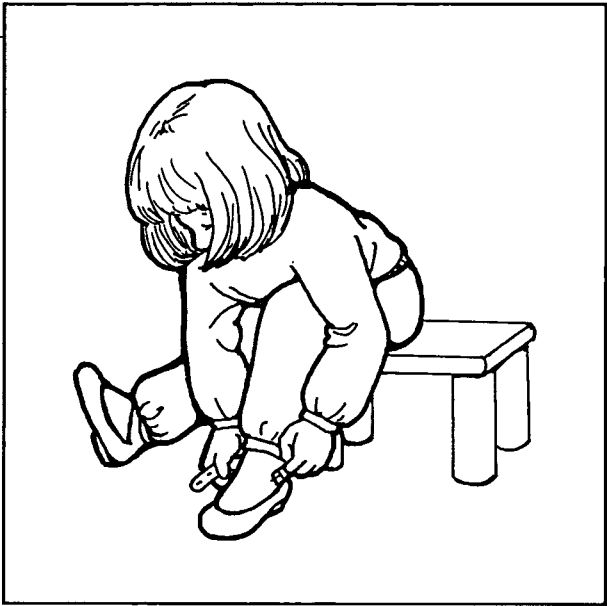
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
4 years

Developmental Skill:
buckles shoes



Helpful Hints:

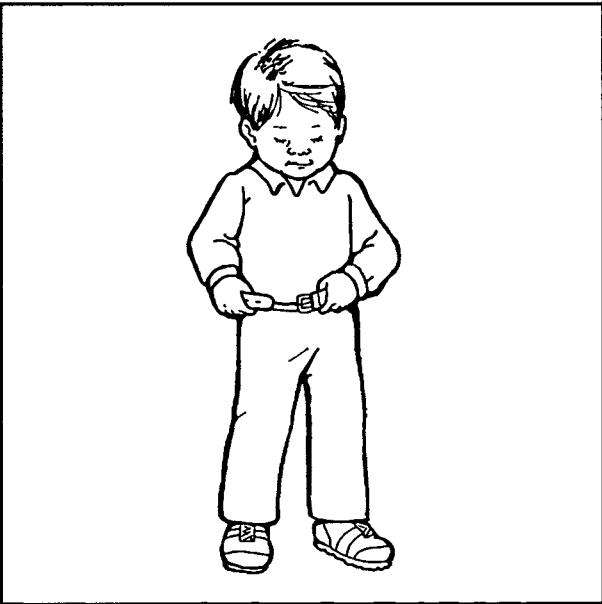
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
4 years

Developmental Skill:
buckles belt



Helpful Hints:

Therapist/Clinic:

Phone #:

Closures

Developmental Age:
4 years

Developmental Skill:
laces shoes



Helpful Hints:

Therapist/Clinic:

Phone #:

Closures

Developmental Age:
5 years

Developmental Skill:
ties a knot
unties tie on apron (behind)



Helpful Hints:

Therapist/Clinic:

Phone #:

Closures

Developmental Age:
6 years

Developmental Skill:
closes a back zipper



Helpful Hints:

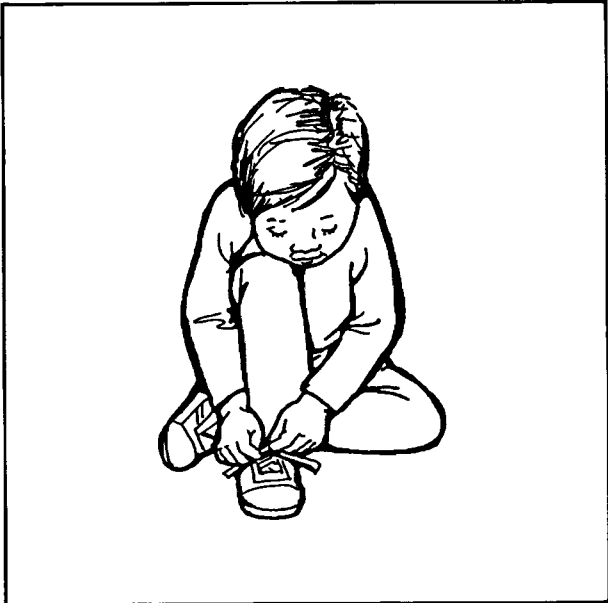
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
6 years

Developmental Skill:
ties a bow



Helpful Hints:

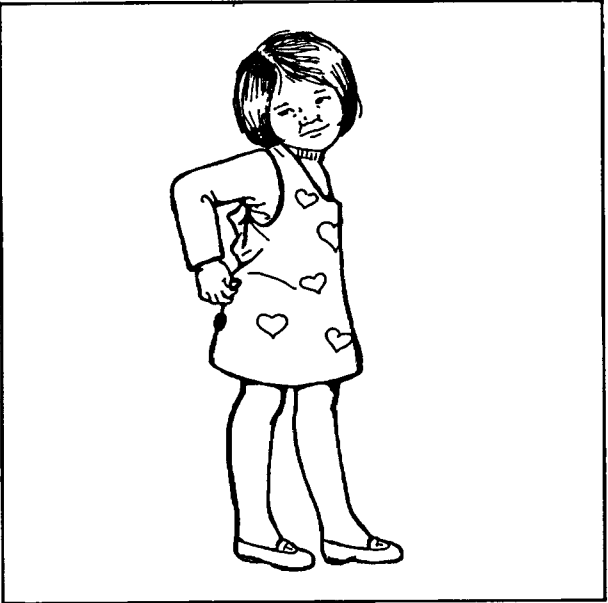
Therapist/Clinic:

Phone #:

Closures

Developmental Age:
6 years

Developmental Skill:
does buttons and snaps in back



Helpful Hints:

Therapist/Clinic:

Phone #:

**Also by Marsha Dunn Klein, M.Ed., OTR/L,
Nancy Harris Ossman, B.S., OTR, and Barbara Tracy, B.S., OTR**

NORMAL DEVELOPMENT POSTER SET

by Marsha Dunn Klein, M.Ed., OTR, Nancy Harris Ossman, B.S., OTR, Barbara Tracy, B.S., PT

Enhance your clinical environment with this set of four illustrated two-color posters. Based on an NDT approach to development, they'll give you a quick and easy reference to normal development from birth to 6 years. Posters cover fine motor development, gross motor development, self-feeding development, and dressing development. **076164217X-YTS**

**Additional normal development resources for your
therapy needs . . .**

INFANT MOTOR DEVELOPMENT

A Look at the Phases

by Kerry Goudy, OTR, and Joan Fetzer, M.S., CCC-SLP

This 20-minute full-color VHS videotape provides you with a complete look at normal development from birth through 12 months. You'll be able to identify components of movement and specific skills that are acquired during the four phases of development—Infantile, Preparation, Modification, and Refinement. **0761641416-YTS**

NORMAL INFANT REFLEXES AND DEVELOPMENT

by Sharon Friefeld, B.Sc.(OT), M.A., OT(C), and Laurie Snider, B.Sc.(OT), M.A., OT(C)

Use this 30-minute full-color VHS videotape to review normal infant development of primitive reflexes and reactions. This video reference includes a demonstration of how to elicit reflexes, an explanation of the role of reflexes, and the development of movement skills. You'll also have a Viewer's Guide that includes a script of the videotape for further reference. This video works well as an inservice training tool for paraprofessional and therapist education. **0761647147-YTS**

NORMAL VISUAL DEVELOPMENT

Birth to 6 Months

by Rhoda P. Erhardt, M.S., OTR/L, FAOTA

You'll have a comprehensive overview of normal visual development from birth to 6 months with this 30-minute color videotape. You'll see five different infants respond to light, touch, sound, and movement at different age levels. Topics cover Involuntary Visual Patterns and Voluntary Eye Movements. **0761641971-YTS**

NORMAL DEVELOPMENT OF FUNCTIONAL MOTOR SKILLS

The First Year of Life

by Rona Alexander, Ph.D., CCC-SP, Regi Boehme, OTR, and Barbara Cupps, PT

Gauge the functional motor levels of children with this resource. Focus on normal development during the first year of life. You'll find this an effective tool in planning treatment of infants with neurological involvement. Each developmental stage includes a summary chart for quick record-keeping that outlines—postural control, gross and fine motor, vision, reach, respiration/phonation, and oral-motor/feeding. **0761641874-YTS**

DEVELOPMENTAL VISUAL DYSFUNCTION

Models for Assessment and Management

by Rhoda P. Erhardt, M.S., OTR/L, FAOTA

Through three case studies of children with cerebral palsy—moderate, mild, and severe—you can better understand normal and abnormal visual-motor development from infancy to adulthood. Use the Erhardt Developmental Vision Assessment that's included to evaluate and score development.

0761641963-YTS

ERHARDT DEVELOPMENTAL VISION ASSESSMENT (EDVA) (Revised)

by Rhoda P. Erhardt, M.S., OTR/L, FAOTA

You'll be able to effectively measure vision development from prenatal level to 6 months. And, there's an approximate norm for assessing older children with multiple handicaps. You'll have testing tips on positioning, room lighting, administration, scoring procedures, and more. Sold in packages of 5.

0761641912-YTS

NORMAL HAND DEVELOPMENT

Birth to 15 Months

by Rhoda P. Erhardt, M.S., OTR/L, FAOTA

A 35-minute color videotape that gives you a complete look at developmental stages of the hand from birth to 15 months. You'll be able to study the sequence of normal development and see different skills develop as infants explore the world around them. Topics cover Involuntary Reflexive Patterns and Voluntary Movements.

076164198X-YTS

DEVELOPMENTAL HAND DYSFUNCTION (Second Edition)

Theory, Assessment, and Treatment

by Rhoda P. Erhardt, M.S., OTR, FAOTA

Take advantage of up-to-date theory, assessment, evaluation, and treatment of prehension. Three case studies of children with cerebral palsy show the importance of their hand skills. Use the EDPA to measure and score prehension development. Plus, you'll have explicit instructions for implementing innovative treatment techniques.

0761643133-YTS

ERHARDT DEVELOPMENTAL PREHENSION ASSESSMENT (EDPA) (Revised)

by Rhoda P. Erhardt, M.S., OTR, FAOTA

Use a step-by-step approach for the professional who needs to measure baseline levels, identify intervention needs, and provide accountability with re-testings.

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MOTOR SKILLS ACQUISITION IN THE FIRST YEAR

An Illustrated Guide to Normal Development

by Lois Bly, M.A., PT

Use this comprehensive resource to detect the development of different motor skills during the first year of life. Discover how specific motor components build the foundation for babies to achieve developmental milestones. Now, it's easy to understand how these turning points evolve into motor skills!

0761642285-YTS

Try these hands-on, timesaving pediatric therapy materials . . .

POSITIONING FOR PLAY

Home Activities for Parents of Young Children

by Rachel B. Diamant, M.S., OTR

Teach parents therapeutic play activities to stimulate and develop motor skills in their children. Use this collection of more than 70 reproducible activity sheets with parents of children birth to 3 years who have developmental delays or are at risk. Choose activities from 10 developmental skill positions. Clear introductions for each section help increase parents' understanding of the developmental skill.

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OT GOALS

Occupational Therapy Goals and Objectives Associated with Learning

by Partners in GOALS

Now you can quickly and efficiently complete required paperwork for your preschool to high school caseload! This valuable resource helps you easily incorporate comprehensive, measurable therapeutic goals and objectives into your therapy reports, treatment plans, IEPs, and other programs requiring individualized lists of goals. You'll have 11 goals, 55 objectives, and more than 600 activities for achieving the objectives. Select from among thousands of possible combinations!

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PEDIATRIC MASSAGE

For the Child with Special Needs

by Kathy Fleming Drehobl, B.S., OTR/L, and Mary Gengler Fuhr, B.S., OTR/L

Explore the benefits of the use of touch in therapeutic programming! This well-illustrated manual shows you how to massage neonates, infants, and young children. More than 80 illustrations show step-by-step massage strokes for lower extremity, abdomen, chest, upper extremity, back, and face. The wide variety of these massage strokes makes them easily adaptable for children with special needs as well as typically developing children.

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NORMAL DEVELOPMENT

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One of the most common questions parents ask is: *Is my child developing "on schedule"?* This handy book, adapted from the popular *Normal Development Poster Set*, helps you supply the answer.

You'll have reproducible descriptions and illustrations of milestones in four basic areas of early-childhood development:

- Gross motor—the first year
- Fine motor—the first year
- Self-feeding—the first 3 years
- Self-dressing—the first 6 years

The authors—Marsha Dunn Klein, M.Ed., OTR, Nancy Harris Ossman, OTR, and Barbara Tracy, PT—have all worked extensively with children, in both hospital and private-practice settings. Now you can draw on their experience when you meet with parents.


Answer parents' questions about developmental skills the easy way—with pictures!



Marsha Dunn Klein

Barbara Tracy

Nancy Harris Ossman

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